Usenet Newsgroup Archive: rec.radio.amateur.digital.misc

2001

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Date span: 2001-01-01 through 2001-12-31

Source text: rec.radio.amateur.digital.misc.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 2,386

Message records with no readable body available in the source text: 1

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 00:35:34 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <qhQ36.105308$x6.47513223@news2.rdc2.tx.home.com>
Source record: 9738

I would agree, that continued momentum of the BBS system
should have petered-out about 5 years ago.

I think the attitude was: "if it ain't broke, don't fix it." But
that attitude is like the justification for someone continuing
to drive a 1971 Pinto.

I might have even been interested back then. But packet
radio is dead (RIP). Most everyone has gone back
to non-packet radio, such as PSK31 and the other new
modes. I talk one-on-one with other Hams, and it's like
comparing a phone call to an email. It's much more dynamic
and that makes it interesting.

The whole purpose of the BBS was emergency communications.
The other messages were filler, that would cease when an
emergency was declared. Now a'days you can't shut the
filler off, and the emergency comm's go by un-noticed.

No, I think FEMA should do emergency stuff, they are paid
extremely well, and Hams should stick to hobby stuff. There
is a roll for Hams in disasters, but packet switching
communications isn't one of them.

I thought APRS would be an excellent disaster tool, but
looking at it this last week, I don't see any evidence of it's
being used for all the power black-outs over the Plains.

"Hank Oredson" <horedson@att.net> wrote
> A couple folks asked that I repost my specific suggestions
> on how to migrate the existing BBS network to the model in
> current use on the internet. Here they are again.

2. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 00:49:04 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <xAr$uOAzP9T6Ew$i@peaksys.co.uk>
Source record: 9739

In article <qhQ36.105308$x6.47513223@news2.rdc2.tx.home.com>, Steve Sampson <k5okc@home.com> writes
[snip]
>I might have even been interested back then. But packet
>radio is dead (RIP). Most everyone has gone back
>to non-packet radio, such as PSK31 and the other new
>modes.

That is a hugely USA-centric view of packet. If you look in many parts of the world outside your 50 states, you'll find there is still a fairly healthy packet network.

Here in the UK our network is currently beginning to fall part, mainly because the idio^H^H^H^H misguided people who claim to run it can't grasp the fact that internet linking has never done anything other than destroy packet RF networks.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

3. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 03:28:05 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <9PS36.13986$bU.937341@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9740

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10012312208500.29314-100000@exp.bde-arc.ampr.org...
> You didn't cross-post this even though it's in more than one group. Ack!

Intentional. The two groups will have very different discussions.

> My reply is in alt.ham-radio.packet ONLY, because of this.

--

... Hank

http://horedson.home.att.net

4. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 03:46:57 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <R4T36.105724$x6.47826951@news2.rdc2.tx.home.com>
Source record: 9741

```
"Roger Barker" <roger@peaksys.co.uk> wrote
> >
> >I might have even been interested back then. But packet
> >radio is dead (RIP). Most everyone has gone back
> >to non-packet radio, such as PSK31 and the other new
> >modes.
>
> That is a hugely USA-centric view of packet. If you look in many parts
> of the world outside your 50 states, you'll find there is still a fairly
> healthy packet network.

Well I know that must be true, because most of the traffic
on U.S. BBS systems today comes from South America :-)
```

Enti�ndame?

Eu quero vender meu r�dio. Vindo a Brasil escolh�-lo acima.

5. Re: [EMERGENCY] German Packet Operators Need Your Help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 11:32:58 UTC
From: Matti Niemela <mattis.niemela@kolumbus.fi>
Message-ID: <92pq68$d81$1@news.kolumbus.fi>
Source record: 9742

Thomas Maisl <Thomas.Maisl@gmx.de> wrote in message
news:3A3A6CBC.21860A73@gmx.de...
> Hi,
>
> > It *seems* that central issue in this conflict is if the sysops should
> > be allowed to exclude and route selectively ("censor" in the words of
some)
> > based on originating call -- arbitrarily and without giving any reason
or
> > informing the regulatory body.
> >
> Unfortunately it's more than that. Some focus on this point as being the
> main cause for the sysops' protest.
>
> Maybe following updated information will give you a closer look on the
> problems concerning the draft.
>
> 73 de Thomas
>
>
> Sunday Dec. 10, 2000. Today the majority of the German Packet Radio
> Mailboxes (BBS) have been reactivated after being temporarily dis-
> connected from the Amateur Radio net as a measure of protest against
> the planned 'over regulation" by the German Regulatory Authority for
> Telecommunication and Post (RegTP). The SysOPs of the affected BBS
> systems have reactivated their services to allow users, which in the
> large majority have supported the protest with much sympathy, to
> again exchange their views and get additional information regarding
> the protest through this system.
>
> Reason for this temporary cease of operation was a draft of a decree
> ("Amtsblattverfuegung") by the German Regulatory Authority for Tele-
> communications and Posts (RegTP).
> This draft, among other things, includes very specific and detailed
> procedures for almost any operational aspect of an automated amateur
> radio station (ARS), including their supplementary services, like
> DX-Cluster. Limiting the more liberal and flexible standards of today's
> operation.
>
> On Friday, Nov. 24, 2000, as a sign of protest against such overre-
> gulation, first sysops in Germany started to temporarily cease
> operation and disconnect down interlinks and additional supplementary
> services like BBS, DX-Cluster, TCP/IP-based systems and convers-servers.
> In the following days the protest received widest support by a growing

> number of sysops. Until the end of the first protest week, more than 150
> Sysops have joined the group, resulting in a virtual cut-off of vast
> regions in Germany from the Packet Radio Network. Only local access
> points
> where available without routing possibilities, drastically demonstrating
> the effects of the new proposed operational procedures of the RegTP.
> One of the fastest and closest-meshed packet radio networks of the
> world had ceased operation.
>
> A week ago, interlinks, DX-Cluster and convers-servers have been
> brought back to life. One week later the BBS systems were re-connected
> to
> their appropiate nodes.
>
> The goal of this step is to enable users to get more information
> regarding the protest, express their opinions and views and freely
> exchange their mails and bulletins throughout the network.
>
> Many users showed their sympathy for this protest action and wrote
> to the RegTP and other appropriate authorities in protest. The
> "Runder Tisch Amateurfunk (RTA)" - "round table amateur radio servi-
> ces" - the democratically legitimated forum of Amateur Radio Associ-
> ations in Germany, does share our concern as well.
>
> Despite all the protest, the draft of a decree is still not dismissed!
> A scheduled meeting between the RegTP, the Federal Ministry of
> Economics and Technology (BMWi) and the RTA, has been postponed by the
> RegTP to next year.
>
> The most critical point of this draft decree is the definition, that
> supplementary attachments to ARS like BBS computer systems, modems and
> network gateways are an integral part of an ARS and therefore require an
> expressed permission by the RegTP for operation. One of the objectives
> of the protest was to demonstrate that BBS and other related equipment
> etc. are not an integral part of an unmanned, ARS. So the ARS was avail-
> able for local connections, however no interconnect was possible.
>
> Other points of the draft which need change are planned conditions
> concerning technical specifications and modes of operations.
> For example:
> - maximum frequency modulation limited to +/- 3 kHz deviation from the
> center frequency!
> - restrictions of German radio amateurs holding a CEPT-Licence Class 2
> or less when using OSCARs.
> AMSAT-DL has joined the protest and is thinking about returning the
> German registration of AO-40 and enrol the satellite somewhere else.
>
> The SysOps agree that the RegTP has to regulate our common resource, the
> limited amount of freqencies. It has to ensure that every radio amateur
> has free access to the frequencies used by ARS.

>
> We, the SysOps of the German packet radio system, envision and request
> a network which is liberal and pluralistic and open for new ideas and
> technologies and a network which can be formed and shaped according
> the changing needs of their users. If politics demotes sysops to pure
> 'service providers', then this would be against the idea of a
> technical-experimental Amateur Radio Service and against a continuing
> future of one of the fastest and most densely meshed networks in the
> world.
>
> We thank you for your understanding and hope that the interruption of
> PR-networks and BBS message forwarding did not cause too much trouble
> in your region. We are grateful for many positive responses received
> from radio amateurs abroad and also will take into consideration
> the few critical opinions received.
>
> 73
> Tom DL3SBB and Uli DK2GO,
> speaking for more than 150 participating SysOps

6. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 11:55:43 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn950s1u.s4g.nomail@linux.pe1chl.ampr.org>
Source record: 9743

Hank Oredson <horedson@att.net> wrote:
>A couple folks asked that I repost my specific suggestions
>on how to migrate the existing BBS network to the model in
>current use on the internet. Here they are again. Not well
>organized, a bit of babble, but specific ideas. Would they
>work in practice? I've implemented some of these ideas in
>SNOS, and they appear to work fine.

These ideas are not new. Most of them were tried and implemented
in a couple of different TCP/IP packages.

Technically they work. That is not the problem. But in practice
you will have the problem that it is very difficult to get enough
BBS sysops interested. And capable to run the system.

8 years ago I did some work in NET to allow co-existence of NET as
a packet radio and TCP/IP driver program (with Z8530 SCC cards or
KISS TNCs) with a standard BBS or DX Cluster (or both), all running
under Desqview on a DOS system.

This was done by implementing a G8BPQ-compatible API in a kind of
"pipe driver" loaded before Desqview, and having all programs communicate
with that (via a hostmode-to-g8bpq shim when required by the application).

Gatewaying of mail and bulletins was also provided.

This worked beautifully, and still does for some BBSes here. The big
advantage for the BBS sysop was that he could use an SCC card, would have
a NET/ROM node and TCP/IP functionality in addition to his BBS or Cluster
node (required to interface to our NET/ROM network), and needed only a
single 386-class PC to run it all.

So there was a big incentive to get this working. Still it required
a very dedicated person to coach the sysops in configuring it all and
explaining the tricks. Outside of the coverage area of this person
the system found little use. There was documentation but only the most
"computer-oriented" BBS sysops would setup the system using documentation.

I expect it will be the same with any new "complicated" (in the eyes
of the sysop) type of system. When there are no really big advantages
that the BBS sysop himself will see, he will usually "leave it to others"
to install it, and will continue running the familiar setup himself.
This would be especially true for a system that tries to bridge a
gap between the protocols that have conquered the world, and the
protocols that unfortunatly were invented in parallel by HAMs (who were
at that time usually claiming those other protocols were inferior and
inefficent).

It would be much easier just to ditch the BBS system and replace it by
the usual stuff found on Internet. Many implementations already exist
and some are not too difficult to install.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

7. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 12:31:12 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <rnk05t80vgl774lv0h57bgra5lgrdebilt@4ax.com>
Source record: 9744

On Mon, 01 Jan 2001 00:35:34 GMT, "Steve Sampson" <k5okc@home.com>
wrote:

>The whole purpose of the BBS was emergency communications.

And today, the BBS style store-and-forward principle is still very attractive for emergency communication. E.g. in a search operation in the middle of nowhere, a battery powered BBS stations can be put up on a hill and all the portable stations can connect to it when it is convenient (e.g. when on top of an other hill) and thus, minimise the power consumption of the portable station. Of course, some means are also often needed to connect the BBS to the rest of the world.

In the days of common multitasking computers, I do not see many other applications requiring a store-and-forward system.

Paul OH3LWR

8. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 13:09:18 UTC
From: lak <lak@radioland.net>
Message-ID: <OwN6AP$cAHA.321@cpmsnbbsa09>
Source record: 9745

Logger can found at

http://www.qsl.net/kc4elo/

"Duncan Idaho" <lawdog2@attglobal.net> wrote in message
news:3a4f83ec_3@news1.prserv.net...
> Can someone let me have a URL from which I may download the latest version
> of LOGGER, please?
>
> Thanks and 73.
>
> --
>
> Roger, W6VZV
>
> "I want to die peacefully, in my sleep, like my grandfather...
> Not screaming, and in terror, like his passengers..."
>
>
>
>

9. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 15:31:09 UTC
From: GUYTON <warsaw@bayou.com>
Message-ID: <3A50A2BD.4555AB98@bayou.com>
Source record: 9746

Try http://www.ve9dx.com/logger.html

lak wrote:
>
> Logger can found at
>
> http://www.qsl.net/kc4elo/
>
> "Duncan Idaho" <lawdog2@attglobal.net> wrote in message
> news:3a4f83ec_3@news1.prserv.net...
> > Can someone let me have a URL from which I may download the latest version
> > of LOGGER, please?
> >
> > Thanks and 73.
> >
> > --
> >
> > Roger, W6VZV
> >
> > "I want to die peacefully, in my sleep, like my grandfather...
> > Not screaming, and in terror, like his passengers..."
> >
> >
> >
> >

10. Need Info On Saudi Sats

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 17:06:32 UTC
From: KF4LAT <kf4lat@hotmail.com>
Message-ID: <sO246.13389$Q9.3535337@ratbert.tds.net>
Source record: 9747
Cross-posted to: alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.space

I know that Saudi Arabia launched 2 satellites awhile back called Saudisat
1A & 1B and they were suppose to be for amateur use, I thought!
Has ANYONE any info on these satellites and are they still active, or in
commissioning stage or what.
I cannot even find a web site acknowledging their existence!
Alex Clark
KF4LAT
Nashville, TN, USA

11. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 17:20:22 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <k2f15t80livu9iis5s6u9rk304uk7bclpe@4ax.com>
Source record: 9627
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

12. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 21:20:04 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A50F484.D65E0FC8@junglevision.com>
Source record: 9748

Btw, Hank, getting back to the original subject, have you looked at mailgw
for Linux.

http://radio.linux.org.au/pkgdetail.phtml?sectpat=packet&ordpat=title&descpat=&pkgid=86

This program works with FBB and inn, running on the same machine,
and is able to move messages in both directions. It's a little
finicky, but with a bit of tweaking it works. On the News side,
and on the PBBS side, it adds extra lines, so that messages can
transfer neatly between nntp and pbbs while killing the dupes
and all that. This munge the email addresses and the PBBS
TO and FROM fields into newsgroups according to a big chart.

How were you thinking of handling the news side? I think easiest
from a NOS style system would be to setup an NNTP server, either
Linux or Win2000 -- or where you thinking of writing an NNTP
server for NOS. (And, maybe this wouldn't be insanely hard, if you
weren't connecting with regular Usenet, and just ran a ham radio
only NNTP network. Still a lot of work though, I suspect.)

Paul Keinanen wrote:
>
> On Mon, 01 Jan 2001 00:35:34 GMT, "Steve Sampson" <k5okc@home.com>
> wrote:
>
> >The whole purpose of the BBS was emergency communications.
>
> And today, the BBS style store-and-forward principle is still very
> attractive for emergency communication. E.g. in a search operation in
> the middle of nowhere, a battery powered BBS stations can be put up on
> a hill and all the portable stations can connect to it when it is
> convenient (e.g. when on top of an other hill) and thus, minimise the
> power consumption of the portable station. Of course, some means are
> also often needed to connect the BBS to the rest of the world.
>
> In the days of common multitasking computers, I do not see many other
> applications requiring a store-and-forward system.
>
> Paul OH3LWR
>

13. SpyPen the digital FunCam is the beginning of internet and digital photography fun.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 22:17:45 UTC
From: news@global1trading.com
Message-ID: <nr746.241$wP3.1213141@news3.mia>
Source record: 9749
Cross-posted to: rec.photo.digital,rec.photo.marketplace.digital,rec.radio.amateur.digital,rec.radio.amateur.digital.misc

Visit us at http://www.global1trading.com

Best Regards

14. SpyPen the digital FunCam is the beginning of internet and digital photography fun.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 22:42:12 UTC
From: news@global1trading.com
Message-ID: <RO746.5480$wk.7647578@news1.mia>
Source record: 9750
Cross-posted to:
rec.photo.digital,rec.photo.marketplace.digital,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,ucb.digital-video

SpyPen the digital FunCam is the beginning of internet and digital photography fun.

As small as a candybar (55 gr.) SpyPen fits into any pocket.

Take pictures and videos (picture sequences) in the most secret hiding places.

Meet your best friends online via video conferencing and share your favorite pics through email. Create 360° panoramas for an amazing 3D touch on your web site. SpyPen the real 3 in 1 FunCam comes with great photo and video software! FunNet, FunPics, FunCam

Visit us at http://www.global1trading.com

Best Regards

15. SpyPen the digital FunCam is the beginning of internet and digital photography fun.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-01 22:43:59 UTC
From: news@global1trading.com
Message-ID: <yQ746.5481$wk.7648908@news1.mia>
Source record: 9601
Cross-posted to:
rec.photo.digital,rec.photo.marketplace.digital,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,ucb.digital-video

SpyPen the digital FunCam is the beginning of internet and digital photography fun.

As small as a candybar (55 gr.) SpyPen fits into any pocket.

Take pictures and videos (picture sequences) in the most secret hiding places.

Meet your best friends online via video conferencing and share your favorite pics through email. Create 360° panoramas for an amazing 3D touch on your web site. SpyPen the real 3 in 1 FunCam comes with great photo and video software! FunNet, FunPics, FunCam

Visit us at http://www.global1trading.com

Best Regards

16. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 01:02:00 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3a512a54_1@news1.prserv.net>
Source record: 9602

Thank you to all who gave me the info re: Logger. Great program. I sure
appreciate the many kind responses.

--

Roger, W6VZV

"I want to die peacefully, in my sleep, like my grandfather...
Not screaming, and in terror, like his passengers..."

"GUYTON" <warsaw@bayou.com> wrote in message
news:3A50A2BD.4555AB98@bayou.com...
> Try http://www.ve9dx.com/logger.html
>
>
> lak wrote:
> >
> > Logger can found at
> >
> > http://www.qsl.net/kc4elo/
> >
> > "Duncan Idaho" <lawdog2@attglobal.net> wrote in message
> > news:3a4f83ec_3@news1.prserv.net...
> > > Can someone let me have a URL from which I may download the latest
version
> > > of LOGGER, please?
> > >
> > > Thanks and 73.
> > >
> > > --
> > >
> > > Roger, W6VZV
> > >
> > > "I want to die peacefully, in my sleep, like my grandfather...
> > > Not screaming, and in terror, like his passengers..."
> > >
> > >
> > >
> > >
> > >

17. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 05:27:48 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <oFd46.111102$x6.50456413@news2.rdc2.tx.home.com>
Source record: 9603

I suppose this is funny because it is such an old joke,
but I'm wondering if anyone who actually uses it in a
signature block, isn't about as brainless as the redneck
whose bumper-sticker proclaims that his kid beat up your
honor student.

"Duncan Idaho" <lawdog2@attglobal.net> wrote
> Roger, W6VZV
>
> "I want to die peacefully, in my sleep, like my grandfather...
> Not screaming, and in terror, like his passengers..."

18. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 06:40:03 UTC
From: Shane Deering <vk3bvp@crosswinds.net>
Message-ID: <92rsufoc1@perki.connect.com.au>
Source record: 9604

"Cathryn Mataga" <cathryn@junglevision.com> wrote in message
news:3A50F484.D65E0FC8@junglevision.com...
> Btw, Hank, getting back to the original subject, have you looked at mailgw
> for Linux.
>
>
http://radio.linux.org.au/pkgdetail.phtml?sectpat=packet&ordpat=title&descpa
t=&pkgid=86

*NOS under DOS/Windows pretty well does this as well as act as a
hardware interface and server/client if required. It's a do everything
package if set up that way.

>
> This program works with FBB and inn, running on the same machine,
> and is able to move messages in both directions. It's a little
> finicky, but with a bit of tweaking it works. On the News side,
> and on the PBBS side, it adds extra lines, so that messages can
> transfer neatly between nntp and pbbs while killing the dupes
> and all that. This munge the email addresses and the PBBS
> TO and FROM fields into newsgroups according to a big chart.

I never managed to get it to work very well.
Under DOS/Windows I do it with rewrite, alias and smtp<>nntp mapping.
Fairly simple once it's understood. Maybe mailgw is too once you
get to that stage.

>
> How were you thinking of handling the news side? I think easiest
> from a NOS style system would be to setup an NNTP server, either
> Linux or Win2000 -- or where you thinking of writing an NNTP
> server for NOS. (And, maybe this wouldn't be insanely hard, if you
> weren't connecting with regular Usenet, and just ran a ham radio
> only NNTP network. Still a lot of work though, I suspect.)
>

NNTP is already a part of *NOS.
Or as I'm doing, use an internet nntp server on packet.
The one I'm using has smtp<>nntp and back.
Pretty well all the server and client internet software (windows and
linux) will run on packet, so there's no need to redo it unless you
want to. I'm running servers (and clients) written for the internet for
nntp, smtp, pop3, ftp and http (and other stuff) on packet.

If I ever work out how to compile JNOS, I'll do up my own copy
and maybe use it instead of some of the internet servers I'm using

now. But they do offer a lot and cover protocols that *NOS doesn't.

I think that in the long term ax25 BBS's will have to become more
like internet software or at least compliant with it so that the
interface between them becomes seamless. Or at least that's
what I'm hoping will happen.

For now I'll enjoy playing with all the software already available.

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm

19. Peace

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 13:53:14 UTC
From: Landon Soles <lsoles@apex2000.net>
Message-ID: <3A51DD4A.8E09D365@apex2000.net>
Source record: 9605

> "I want to die peacefully, in my sleep, like my grandfather...
> Not screaming, and in terror, like his passengers..."

20. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 14:41:37 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3a51ea6e_3@news1.prserv.net>
Source record: 9606

"Steve Sampson" <k5okc@home.com> wrote in message
news:oFd46.111102$x6.50456413@news2.rdc2.tx.home.com...
> I suppose this is funny because it is such an old joke,
> but I'm wondering if anyone who actually uses it in a
> signature block, isn't about as brainless as the redneck
> whose bumper-sticker proclaims that his kid beat up your
> honor student.
>
> "Duncan Idaho" <lawdog2@attglobal.net> wrote
> > Roger, W6VZV
> >
> > "I want to die peacefully, in my sleep, like my grandfather...
> > Not screaming, and in terror, like his passengers..."

Actually, old chap, a sense of humor is widely considered to be a sign of
intelligence. How do you suppose your above humorless comment fares when
such a standard is applied to it, and to you?

--

Roger, W6VZV

"I want to die peacefully, in my sleep, like my grandfather...
Not screaming, and in terror, like his passengers..."

21. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 17:03:01 UTC
From: Ed Woodrick <ewoodrick@ed-com.nospam.com>
Message-ID: <pRn46.17$gp5.129@client>
Source record: 9607

Hank,

I think that one of the biggest problems is that Amateur Packet tries to solve problems for which it is not best fitted. If you compare the Internet and Packet, you'll see significant similarities, and to the users, they are almost identical. But the difference is in the infrastructure. The Internet is a high-speed, point-to-point network where Packet is slow speed, relay network. e.g. If I send a message from one end of the continent to another on the Internet, the two application level end-stations talk directly to each other and message delay is in an order of seconds. On packet, you normally talk through a couple of relay points and really don't have any traceability of message delivery.

As such, broadcast messages work significantly better on Packet than personal messages. And broadcast works better on the Internet only because of the faster speeds. When I factor this information in, as well as the normal garbage level of broadcast messages, I start to realize that the Packet network does not do a great job of providing a messaging backbone. Too little coordination, too little throughput, too little everything to do a good job. So after years of experience, I realize that backbone is not a place where Packet does a great job.

So where does packet do a great job? I think that we'll all agree that Packet's ability is best in situations where the wired network has failed. We can quickly deploy packet, either a completely new network, or using portions of an existing network augmented by additional portable stations.

So to best implement a solution, I see that by creating a network where the Internet provides backbone capabilities and Packet provides drop-off into disaster areas we get good solutions using the best of both networks. The reliability comes from having multiple packet stations connected to multiple parts of the Internet, as well as geographically spread to provide full coverage of problem areas.

As to the infrastructure, using existing NNTP servers could be advantageous, their delivery is not extremely reliable (2GB of pictures each day is a hefty load) and we should probably look at using some sort of alternative, even if it's a dedicated NNTP network. SMTP should be used for message delivery on the Internet, because that's how most of your recipients will be addressed. And that brings us to the biggest problem, the inability for the standard packet BBS to use a SMTP type address.

But the biggest obstacle really isn't technical, it's creating a need for the network. For people to use a network, it needs to contain information that is of interest. Or to provide a service that isn't available any where else. The Internet has pretty well taken over what the packet network was

used for in the 80's and 90's. Sending personal messages, bulletins, or even NTS messages just isn't efficient anymore, when compared to the Internet. Even NTS and MARS traffic in general have been replaced by email. Who needs a radio operator on a boat at sea to send a message when they've got Internet email?

This isn't just a Packet problem. This is a problem effecting Amateur Radio as a whole. About the only thing that is separating the Internet from Amateur Radio is that Amateur Radio is where you go to talk to old farts. (Although many of the old farts are now available on the Internet!)

I don't believe that recreating the packet network of the 80's and 90's, even with better delivery is the answer to the problem. It's actually an answer trying to find a problem that doesn't exist!

Ed Woodrick

"Hank Oredson" <horedson@att.net> wrote in message
news:PBN36.8206$aI6.555038@bgtnsc05-news.ops.worldnet.att.net...
> A couple folks asked that I repost my specific suggestions
> on how to migrate the existing BBS network to the model in
> current use on the internet. Here they are again. Not well
> organized, a bit of babble, but specific ideas. Would they
> work in practice? I've implemented some of these ideas in
> SNOS, and they appear to work fine.
>

snip

> Disclaimer: Yes, I know the above sounds a lot like the integration
> of ham radio networking with the internet. That is exactly what it is.
> I hope everyone can understand the difference between taking ideas
> and techniques from the internet for use in ham radio, and replacing
> ham radio with the internet itself. I propose the former, and not
> the later.
>
>
>
> --
>
> ... Hank
>
> http://horedson.home.att.net
>
>
>

22. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 18:08:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn954699.c2g.nomail@linux.pe1chl.ampr.org>
Source record: 9608

Ed Woodrick <ewoodrick@ed-com.nospam.com> wrote:
>Hank,

>I think that one of the biggest problems is that Amateur Packet tries to
>solve problems for which it is not best fitted. If you compare the Internet
>and Packet, you'll see significant similarities, and to the users, they are
>almost identical. But the difference is in the infrastructure. The Internet
>is a high-speed, point-to-point network where Packet is slow speed, relay
>network. e.g. If I send a message from one end of the continent to another
>on the Internet, the two application level end-stations talk directly to
>each other and message delay is in an order of seconds. On packet, you
>normally talk through a couple of relay points and really don't have any
>traceability of message delivery.

This is only true when you study the Internet from the outside.
In reality it is structured exactly the same as the packet radio network:
a collection of point-to-point links connected by routers.
You don't talk directly to an endpoint on the Internet, each of your
packets travels through several routers just like it does when you connect
on a NET/ROM or other node. It only is faster so you don't notice.

Mail messages don't usually travel in one hop either, but you only notice
when you closely examine the headers. Usually they will travel from the
user's system towards a relay machine on the boundary between the trusted
environment of the user and the Internet, then towards a relay at the
boundary between the destination user and the Internet, and then onwards
to the machine of the destination user.

This has just the same reliability and traceability level of packet radio.

You will find that bulletin messages (Usenet news) take even more hops.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

23. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 18:18:36 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A521B7C.40217E1F@junglevision.com>
Source record: 9609

Shane Deering wrote:
> > This program works with FBB and inn, running on the same machine,
> > and is able to move messages in both directions. It's a little
> > finicky, but with a bit of tweaking it works. On the News side,
> > and on the PBBS side, it adds extra lines, so that messages can
> > transfer neatly between nntp and pbbs while killing the dupes
> > and all that. This munge the email addresses and the PBBS
> > TO and FROM fields into newsgroups according to a big chart.
>
> I never managed to get it to work very well.
> Under DOS/Windows I do it with rewrite, alias and smtp<>nntp mapping.
> Fairly simple once it's understood. Maybe mailgw is too once you
> get to that stage.
> Shane Deering VK3BVP

Yeah, every time I try to build mailgw, it bugs out on an error that
I've forgotten and fix again each time. And, I forget what it
is, but it's a dumb bug. And, on top of that, innd, comes up
okay when I install it from the rpm. But, if things start going
bad, fixing inn is tough -- err, I'm not a nntp guru.

Anyway, I'm more comfortable with Linux than NOS. So, that's
my deal.

24. New Software Updates PSK etc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-02 22:39:01 UTC
From: Dave deSouza <g3vfp@btinternet.com>
Message-ID: <92tlkc$l6m$1@neptunium.btinternet.com>
Source record: 9610

Hi guys.

Just to say that the new release version 2of Zakanaka, together with DigiPan 1.60 are now available on my site if you a looking for them.

http://www.btinternet.com/~g3vfp

Have fun and enjoy. Happy New Year too !

Dave G3VFP.

25. Re: New Software Updates PSK etc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 03:15:27 UTC
From: k6mhe@arrl.net
Message-ID: <3a5298a6.136787@news.mcn.org>
Source record: 9611

Dave,

Have you ever thought of having the option for visitors to your web
page to be able to bypass all the bells and whistles? I tried three
times to access it and my browser just froze up each time.. Had to
hard boot to get out.

For those of us that have rather slow connect speeds having all that
MIDI stuff is just a major pain when trying to get information.

73
Danny, K6MHE

On Tue, 2 Jan 2001 22:39:01 -0000, "Dave deSouza"
<g3vfp@btinternet.com> wrote:

>Hi guys.
>
>Just to say that the new release version 2of Zakanaka, together with DigiPan
>1.60 are now available on my site if you a looking for them.
>
>http://www.btinternet.com/~g3vfp
>
>Have fun and enjoy. Happy New Year too !
>
>Dave G3VFP.
>
>
>

26. Voting Statistics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 04:10:51 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <fDx46.116909$x6.52653903@news2.rdc2.tx.home.com>
Source record: 9612

```
Population of counties won by Gore: 127 million
Population of counties won by Bush: 143 million

Square miles of country won by Gore: 580,000
Square miles of country won by Bush: 2,427,000

States won by Gore: 19
States won by Bush: 29

Average Murder per 100,000 residents in counties won by Gore: 13.2
Average Murder per 100,000 residents in counties won by Bush: 2.1
```

27. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 04:16:32 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <AIx46.116933$x6.52669720@news2.rdc2.tx.home.com>
Source record: 9613

Roger, W6VZV writes:
> > >
> > > "I want to die peacefully, in my sleep, like my grandfather...
> > > Not screaming, and in terror, like his passengers..."
>
> Actually, old chap, a sense of humor is widely considered to be a sign of
> intelligence. How do you suppose your above humorless comment fares when
> such a standard is applied to it, and to you?

I guess my homicide sense of humor isn't what it should be.

28. FA: TNC AEA PK-96 Packet radio TNC w/manual 1200/9600bps

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 15:48:48 UTC
From: David <kb9lpk@telocity.com>
Message-ID: <3A5349E0.A4CF343F@telocity.com>
Source record: 9615

Please read below thanks....

Let the trading begin-- This item is listed!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1205560410

Title of item: TNC AEA PK-96 Packet Radio TNC 1200/9600bps
Reserve price (if any): $0.00
Quantity: 1
Auction Ends on: Wednesday, Jan 10, 2001 at 01:05:26 PST

The item number is: 1205560410

29. Re: SpyPen the digital FunCam is the beginning (or possibly the end) of internet and digital photography fun.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 19:04:21 UTC
From: Bob Sayers <bob.sayers@zetnet.co.uk>
Message-ID: <2001010319042170143@zetnet.co.uk>
Source record: 9616

The message <RO746.5480$wk.7647578@news1.mia>
from <news@global1trading.com> contains these words:

> SpyPen the digital FunCam is the beginning of internet and digital
> photography fun. As small as a candybar (55 gr.) SpyPen fits into any pocket.
> Take pictures and videos (picture sequences) in the most secret hiding
> places. Meet your best friends online via video conferencing and share your
> favorite pics through email. Create 360=B0 panoramas for an amazing 3D
> touch on your web site. SpyPen the real 3 in 1 FunCam comes with great
> photo and video software! FunNet, FunPics, FunCam

> Visit us at http://www.global1trading.com

Yes, they're cute. But anyone contemplating buying one might like to look first
at the comments on the SUBMINI-L list on AOL, where the general opinion
seems to be that cuteness is their only virtue, and their image-gathering
abilities are virtually nil.

Now if GlobalTrading had seen fit to promote on this site the three different
sizes of portable solar cell panels that are also shown on the site
above, there
might have been a little more sense in it ...

Bob, G8IYK

30. Re: Voting Statistics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 19:57:35 UTC
From: BDC <barryc@gstworld.net>
Message-ID: <3A53842F.341D604D@gstworld.net>
Source record: 9617

This is really relevant to rec.radio.amateur.digital.misc...

The Supreme court has ruled. Bush has won the lawsuits. He's the
President.

Lets get on with 2001.

-bdc / N5NWI

Steve Sampson wrote:

> Population of counties won by Gore: 127 million
> Population of counties won by Bush: 143 million
>
> Square miles of country won by Gore: 580,000
> Square miles of country won by Bush: 2,427,000
>
> States won by Gore: 19
> States won by Bush: 29
>
> Average Murder per 100,000 residents in counties won by Gore: 13.2
> Average Murder per 100,000 residents in counties won by Bush: 2.1

31. Lan-Link with Windows ME

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-03 20:08:00 UTC
From: Skid Schermerhorn - W1TTY <sscherme@capecod.net>
Message-ID: <3A5386A0.9968422@capecod.net>
Source record: 9618

Can't get it to work because of RUNTIME 200 errors.
Any known fixes?

73

Skid

32. Re: LOGGER URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-04 04:45:12 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3a5401e9_2@news1.prserv.net>
Source record: 9619

"Steve Sampson" <k5okc@home.com> wrote in message
news:AIx46.116933$x6.52669720@news2.rdc2.tx.home.com...

> I guess my homicide sense of humor isn't what it should be.

Perhaps it never was. Pidgeons in the grass, alas.
--

Roger, W6VZV

"I want to die peacefully, in my sleep, like my grandfather...
Not screaming, and in terror, like his passengers..."

33. PSK Analyser?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-04 11:54:12 UTC
From: Mike Hoehn <Mike.Hoehn@gssr.org>
Message-ID: <3A546464.4F35E373@gssr.org>
Source record: 9620

happy new year!

anyone in this group know a psk-analyser software, thats work with a soundcard?
i need only a good phase plane analyser.

many thanks
73
mike
nnnn

34. Re: PSK Analyser?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-04 18:26:50 UTC
From: DJ6JZ <DJ6JZ@compuserve.de>
Message-ID: <3a54f27e_1@news.arcor-ip.de>
Source record: 9621

You will find this kind of software via
http://www.radio-portal.org/index.cat.html

This search engine especially for radio amateurs and short wave listeners
let you search within categories; "Software" and "Digital Broadcasting"
might be the
ones of interest to you.

Regards,
Willi

Mike Hoehn <Mike.Hoehn@gssr.org> schrieb in im Newsbeitrag:
3A546464.4F35E373@gssr.org...
> happy new year!
>
> anyone in this group know a psk-analyser software, thats work with a
soundcard?
> i need only a good phase plane analyser.
>
> many thanks
> 73
> mike
> nnnn
>
>
>
>
>
>

35. Re: PSK Analyser?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-05 15:24:16 UTC
From: Mike Hoehn <Mike.Hoehn@gssr.org>
Message-ID: <3A55E720.1A3DBBCA@gssr.org>
Source record: 9622

many thanks!

i had found there a cool software "SkySweeper".
tonight i test the demoversion ... it looks promising.

73
mike

DJ6JZ schrieb:

> You will find this kind of software via
> http://www.radio-portal.org/index.cat.html>

36. PR:PacTerm '98, PKTerm '99 to support MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-05 17:13:07 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <qfn56.875$4Z.68430@news2.atl>
Source record: 9623

Muscle Shoals, Alabama. January 5, 2001: Creative Services Software has announced that they have come to an agreement with Murray Greenman, ZL1BPU and Nino Porcino, IZ8BLY to add the new MSFK-16 digital mode to the CSS product line.

The popular TNC programs, written in C++, have been available since November 1997.

Company President Rick Ruhl, W4PC said, "Like our PSK-31 interface, the MFSK-16 interface will be fully functional in our freely downloadable demo version. Our value added feature for the MFSK-16 will have the ability to use the TNC's keying circuit or the RTS line off the TNCs serial port for keying the radio. This saves you a serial port and allows you to move between the sound card's modes (PSK-31 and MSFK-16) and the TNC's modes (CW, RTTY, Etc) with the click of a mouse.

The program runs under Windows 95/98/Me and Windows NT/2000. It is a true 32-bit Windows application, designed using the Windows Style Guidelines available from Microsoft.

"Many ham application programmers are not aware of the Windows Style Guidelines. As an example, top-level menus are required to have a drop down menu. We adhere to the Style Guidelines since that is what makes the interface consistent between Windows programs. CSS follows them as closely as possible, and has been writing Windows programs since Windows 1.01 in 1985. " Ruhl said.

PacTerm '98, PKTerm '99 They are available directly from Creative Services Software or your favorite dealer. You can also download the program in demo mode from the CSS web site.
Creative Services Software is at http://www.cssincorp.com.

Windows, Windows 95, Windows 98, Windows NT and Windows 2000 are Registered Trademarks of Microsoft Corporation.

37. Re: The state of ham radio networking.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-05 17:55:28 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20010105.175528.03@lightfox.demon.co.uk>
Source record: 9624

In article <xAr$uOAzP9T6Ew$i@peaksys.co.uk>, Roger Barker wrote:

> Here in the UK our network is currently beginning to fall part, mainly
> because the idio^H^H^H^H misguided people who claim to run it can't
> grasp the fact that internet linking has never done anything other than
> destroy packet RF networks.

Internet - certainly.

Two little pointers plucked from the ether follow.

73, G.

To: packet@gbr
Subject: Email dilution

I've noticed a worrying trend of late......

You put out a packet bulletin, and get a flood of internet emails in reply.

You reply to those emails by packet, but they still reply by email .....

And:

Subject: Re: Email dilution
To : PACKET@GBR

I have to agree about the e-mail replies instead of on packet. I've had a
few myself..... I can recommend the e-groups web site and it's various
radio orientated areas where you will find many of us.

38. Re: AO-40 shows a sign of life

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-05 18:00:05 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC806642786@www.premiersi.com>
Source record: 9625

How much stuff does that list generate? I avoid mailing lists like a plague because I'd get 50 bazillion emails a week from others and ended up cancelling out of them.

"Chuck Kranz" <chuckk@best.com> wrote in message news:92jfco$20g3$1@nntp1.ba.best.com...

> I have subscribed to the AMSAT mailing list and get all of the real
> info in a timely manner....

> Chuck wa7oef

39. Re: AO-40 shows a sign of life

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-05 19:17:54 UTC
From: chuckk@best.com
Message-ID: <9356l2$2ghn$1@nntp1.ba.best.com>
Source record: 9626

In article <4A8A59F2BDCDD311BFC800508BA36AC806642786@www.premiersi.com>,
jimmy john <jj@sandwitch.org> wrote:
>How much stuff does that list generate? I avoid mailing lists like a plague
>because I'd get 50 bazillion emails a week from others and ended up
>cancelling out of them.
>
>
>"Chuck Kranz" <chuckk@best.com> wrote in message
>news:92jfco$20g3$1@nntp1.ba.best.com...
>
>> I have subscribed to the AMSAT mailing list and get all of the real
>> info in a timely manner....
>
>> Chuck wa7oef

I get SpaceNews, JSR (Johnathan's Space Report), and AMSAT. It's quite
nice. Just the right amount of traffic. Lots of good info. Between those
lists, NASA-TV, SatTrack and Dr. Kelso's celestrak ftp site, I'm a happy
camper! And AMSAT sends these short informative bulletins when there's
action on AO-40.
Go for it.

--

Chuck Kranz Amateur Radio Station WA7OEF
chuck@nospam.nospam never ever!
LinuxSolarisLinuxSolarisLinuxSolarisLinuxSolarisLinuxSolarisLinuxSolaris
----

40. WANTED PCR 1000 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-06 04:00:49 UTC
From: Barry Harris <barry.harris@nf.sympatico.ca>
Message-ID: <3A5697EF.CD878381@nf.sympatico.ca>
Source record: 9628

I am looking for a full ver. software to use with my pcr 1000.Barry

41. Re: PR:PacTerm '98, PKTerm '99 to support MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 19:25:43 UTC
From: Timmins <n3ddy@yahoo.com>
Message-ID: <dp366.1306$Zf.9860@newsfeed.slurp.net>
Source record: 9629

PK term looks good - now if there was an up date to accomodate FAX and ACARS from within the program (my PK900 will do both) and use dual ports, would be just great.. (Thought I'd bug you again, Rick)

Bill, N3DDY

"Rick Ruhl" <ricker@cssincorp.com> wrote in message news:qfn56.875$4Z.68430@news2.atl...
Muscle Shoals, Alabama. January 5, 2001: Creative Services Software has announced that they have come to an agreement with Murray Greenman, ZL1BPU and Nino Porcino, IZ8BLY to add the new MSFK-16 digital mode to the CSS product line.

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Company President Rick Ruhl, W4PC said, "Like our PSK-31 interface, the MFSK-16 interface will be fully functional in our freely downloadable demo version. Our value added feature for the MFSK-16 will have the ability to use the TNC's keying circuit or the RTS line off the TNCs serial port for keying the radio. This saves you a serial port and allows you to move between the sound card's modes (PSK-31 and MSFK-16) and the TNC's modes (CW, RTTY, Etc) with the click of a mouse.

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"Many ham application programmers are not aware of the Windows Style Guidelines. As an example, top-level menus are required to have a drop down menu. We adhere to the Style Guidelines since that is what makes the interface consistent between Windows programs. CSS follows them as closely as possible, and has been writing Windows programs since Windows 1.01 in 1985. " Ruhl said.

PacTerm '98, PKTerm '99 They are available directly from Creative Services Software or your favorite dealer. You can also download the program in demo mode from the CSS web site.
Creative Services Software is at http://www.cssincorp.com.

Windows, Windows 95, Windows 98, Windows NT and Windows 2000 are Registered Trademarks of Microsoft Corporation.

42. Kenwood TS-2000 is shipping

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 20:32:49 UTC
From: Jethro Jumbalaya Twain <qwasty@hotmail.com>
Message-ID: <93ajph$2e4$1@nnrp1.deja.com>
Source record: 9630
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.swap

Check out the article at eham.net, some of the posters have already
reviewed the radio too.

http://www.eham.net/articles/1676

Sent via Deja.com
http://www.deja.com/

43. Re: Kenwood TS-2000 is shipping

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 21:33:48 UTC
From: John <hydro@fx2.com>
Message-ID: <lg566.1367$Zf.10177@newsfeed.slurp.net>
Source record: 9631
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.swap

The thing is an ugly piece of junk, What a horrible looking orange display ..... I'll keep my 870 !!

44. Re: Kenwood TS-2000 is shipping

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 22:09:34 UTC
From: Jon Van Allen <kf7yn@qwest.net>
Message-ID: <3A58CCFD.3D34B056@qwest.net>
Source record: 9632
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.swap

Amen to that. It looks like the front end of one of
them butt-ugly Japanese pickups.

John wrote:

> The thing is an ugly piece of junk, What a horrible looking orange display
> ..... I'll keep my 870 !!

45. MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 22:23:01 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A58EADB.25C50C00@NOSPAMscinetinc.com>
Source record: 9633

Well ... I mean more or less is it good for anything? ;)

I picked one up a while back (used) figuring it would be a
relatively inexpensive way to check out some of the HF
digital modes. In particular, I want to play around with
RTTY and PACTOR 1. I've found out about and tried MMTTY ...
excellent sound card program for RTTY, BTW.

Although, I have used this MFJ on VHF packet without trouble,
it has been a pain to find any decent software for it for other modes.
The best I've been able to come up with is XPCOMM. But I have
another problem ... even just running in a standard terminal
mode, I have been unable to get it to properly decode RTTY, much
less PACTOR. From my experience with the MMTTY program I know
I have the SSB rig setup properly ... LSB and all that, but when I
try to tune in a signal via the MFJ, all I get is nonsense
characters. I suppose I can run thru the calibration routines
for the 3.4 firmware that this unit has, but I figure if it's
working ok for vhf packet they are probably ok.

Somewhere along the line I had gotten the impression that the 1278
was an ok rig for these modes ... or is it a joke?

BTW ... is there a good Windows and sound card based program for PACTOR
in existence at all?

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

46. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 23:00:02 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <Jx666.1433$Zf.10751@newsfeed.slurp.net>
Source record: 9634

You've got something wrong. The MFJ-1278 works fine for Pactor and
RTTY.

47. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-07 23:35:42 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A58FBBD.DCDAF4E5@NOSPAMscinetinc.com>
Source record: 9635

Thanks for the confirmation Bob ;) Yeah, I just finished a
complete recal of the unit, and now can decode the many
sigs going on right now with the roundup. Just made a contact
moments ago, so the xmit side is working too. Several of
the adjustments seemed to be off 10's of HZ, so I don't
know if some had played diddle stick in the past or not ...
as I said before it seemed to work ok on vhf packet.

Now I just have to wait another 30 minutes for this contest to end,
so I can look around for a PACTOR station ;)

Bob Lewis wrote:
>
> You've got something wrong. The MFJ-1278 works fine for Pactor and
> RTTY.

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

48. Packet terminals: Use your calculator (Project URL inside)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 02:56:02 UTC
From: Jethro Jumbalaya Twain <qwasty@hotmail.com>
Message-ID: <93ba80$k0e$1@nnrp1.deja.com>
Source record: 9636
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

http://www.eham.net/articles/1682

Sent via Deja.com
http://www.deja.com/

49. Packet terminals: Use your calculator (Project URL inside)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 02:56:46 UTC
From: Jethro Jumbalaya Twain <qwasty@hotmail.com>
Message-ID: <93ba9c$k0j$1@nnrp1.deja.com>
Source record: 9638
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

The following URL has info on using engineering calculators as
terminals for your packet stuff.

http://www.eham.net/articles/1682

Sent via Deja.com
http://www.deja.com/

50. Re: PR:PacTerm '98, PKTerm '99 to support MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 03:03:59 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <98a66.12220$K72.53304@e420r-atl1.usenetserver.com>
Source record: 9637

Bill,

We have a Wefax program for the PK-900 (Wefax '99) and it works great with the two color fax mode that's supported in the PK-900. (Basicly, it's a Windows version of the old PKFax Dos version). It's included in our Digital Trio package or can be purchased separately.

I never have been able to find any docs on the ACARS format with the PK-900. The DOS based ACARS program that AEA had wasn't owned by them, and so Timewave couldn't provide us with that for reference, like they did with the PkFax stuff.

Rick - W4PC

"Timmins" <n3ddy@yahoo.com> wrote in message
news:dp366.1306$Zf.9860@newsfeed.slurp.net...
> PK term looks good - now if there was an up date to accomodate FAX and
ACARS
> from within the program (my PK900 will do both) and use dual ports, would
be
> just great.. (Thought I'd bug you again, Rick)
>
> Bill, N3DDY
>
>
> "Rick Ruhl" <ricker@cssincorp.com> wrote in message
> news:qfn56.875$4Z.68430@news2.atl...
> Muscle Shoals, Alabama. January 5, 2001: Creative Services Software has
> announced that they have come to an agreement with Murray Greenman, ZL1BPU
> and Nino Porcino, IZ8BLY to add the new MSFK-16 digital mode to the CSS
> product line.
>
> The popular TNC programs, written in C++, have been available since
November
> 1997.
>
> Company President Rick Ruhl, W4PC said, "Like our PSK-31 interface, the
> MFSK-16 interface will be fully functional in our freely downloadable demo
> version. Our value added feature for the MFSK-16 will have the ability to
> use the TNC's keying circuit or the RTS line off the TNCs serial port for
> keying the radio. This saves you a serial port and allows you to move
> between the sound card's modes (PSK-31 and MSFK-16) and the TNC's modes
(CW,
> RTTY, Etc) with the click of a mouse.
>

> The program runs under Windows 95/98/Me and Windows NT/2000. It is a true
> 32-bit Windows application, designed using the Windows Style Guidelines
> available from Microsoft.
>
> "Many ham application programmers are not aware of the Windows Style
> Guidelines. As an example, top-level menus are required to have a drop
down
> menu. We adhere to the Style Guidelines since that is what makes the
> interface consistent between Windows programs. CSS follows them as closely
> as possible, and has been writing Windows programs since Windows 1.01 in
> 1985. " Ruhl said.
>
> PacTerm '98, PKTerm '99 They are available directly from Creative
Services
> Software or your favorite dealer. You can also download the program in
demo
> mode from the CSS web site.
> Creative Services Software is at http://www.cssincorp.com.
>
> Windows, Windows 95, Windows 98, Windows NT and Windows 2000 are
Registered
> Trademarks of Microsoft Corporation.
>
>
>
>
>
>

51. Early TS-2000 Reports: We Have a Winner!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 03:14:57 UTC
From: Jethro Jumbalaya Twain <qwasty@hotmail.com>
Message-ID: <93bbbekqp1@nnrp1.deja.com>
Source record: 9639
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

The TS-2000 reports are looking good - heck - I'd even say JUICY! I just GOTTA get me one of those!! Some people say it's ugly, but I don't care what it looks like as long as it works.

It don't matter what she looks like, only what she cooks like...

http://www.eham.net/articles/1692

Sent via Deja.com
http://www.deja.com/

52. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 03:49:01 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5936DD.53BB4D27@NOSPAMscinetinc.com>
Source record: 9640

Bob, may I ask what release of firmware on the 1278 you've had
experience with. I have 3.4 (7/30/90) and I suspect it is too old
to suport pactor (well XPCOM PACOTR mode commands generate a lot
of ?EH responses!).

Bob Lewis wrote:
>
> You've got something wrong. The MFJ-1278 works fine for Pactor and
> RTTY.

--
-= Brad Fisher =- I'm just
internet: bradf52@earthlink.net a
packet: n7xss@n7xss91.ampr.org wanna be
UNIX guru!

53. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 04:09:16 UTC
From: chuckk@best.com
Message-ID: <93behc$2pij$1@nntp1.ba.best.com>
Source record: 9641

>>
>> You've got something wrong. The MFJ-1278 works fine for Pactor and
>> RTTY.

My 1278 kicked the bucket a couple of years ago. I replaced it with
a PK-232MBX (with pactor upgrade) and it kicked recently! They ran for
about a year or so each. I believe there's some hope of repair and upgrade
at Timewave for the PK-232 but does anyone know of a repair service
for the 1278? If these aren't worth fixing, what's the best/latest thing
to replace them with?

--

Chuck Kranz Amateur Radio Station WA7OEF
nospam@nospam.nospam chuck@NOSPAMwa7oef.net
LinuxSolarisLinuxSolarisLinuxSolarisLinuxSolarisLinuxSolarisLinuxSolaris
---

54. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 06:10:23 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5957B4.6827BEDC@NOSPAMscinetinc.com>
Source record: 9642

Well, after some off-post email discussions on this subject, I'm leaning towards the Kantronics KAM+, for what it's worth. Seems to be better support for the product, and I've had good acclaim from pactor-1 users.

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

55. Yaesu FT-847 - Which CAT Software do you recommend?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 12:53:07 UTC
From: jhulet@aol.com
Message-ID: <20010108075307.15912.00000606@ng-bg1.aol.com>
Source record: 9643

Hello,

I am looking for some CAT software for my FT-847. I have come across the "SuperControl" and "TRX-Manager" software and am looking for others. Are there any "free" verisons out there that you would recommend? Any you would suggest I avoid?

Thanks you and 73!

Jason
W1WOW

56. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 13:45:08 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <cvj66.1773$Zf.13283@newsfeed.slurp.net>
Source record: 9644

It's been a long time since I've used the 1278 so I couldn't tell you what version ROM it had. You could run Windows HyperTerm and send the 1278 some commands manually to see if it has Pactor and is set up correctly. What you might have is an issue between XPCOM and the ROM version. It's easier to troubleshoot things if you run a "dumb terminal" program like HyperTerm so you can acutally see what is happening.

57. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 14:23:18 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t5jjaa90vf684e@corp.supernews.com>
Source record: 9645

Mine works great on all modes but SSTV. It's garbage for that mode. Works great on Pactor and Packet which I usually work and some RTTY. I use the MFJ software, not great, but functional. Logger has an interface for the 1278, and it is pretty good for free software.

Duffy - WB8NUT

"Brad Fisher" <bradf@NOSPAMscinetinc.com> wrote in message news:3A58EADB.25C50C00@NOSPAMscinetinc.com...
> Well ... I mean more or less is it good for anything? ;)
>
> I picked one up a while back (used) figuring it would be a
> relatively inexpensive way to check out some of the HF
> digital modes. In particular, I want to play around with
> RTTY and PACTOR 1. I've found out about and tried MMTTY ...
> excellent sound card program for RTTY, BTW.
>
> Although, I have used this MFJ on VHF packet without trouble,
> it has been a pain to find any decent software for it for other modes.
> The best I've been able to come up with is XPCOMM. But I have
> another problem ... even just running in a standard terminal
> mode, I have been unable to get it to properly decode RTTY, much
> less PACTOR. From my experience with the MMTTY program I know
> I have the SSB rig setup properly ... LSB and all that, but when I
> try to tune in a signal via the MFJ, all I get is nonsense
> characters. I suppose I can run thru the calibration routines
> for the 3.4 firmware that this unit has, but I figure if it's
> working ok for vhf packet they are probably ok.
>
> Somewhere along the line I had gotten the impression that the 1278
> was an ok rig for these modes ... or is it a joke?
>
> BTW ... is there a good Windows and sound card based program for PACTOR
> in existence at all?
>
> --
> -= Brad Fisher =- I'm just
> internet: bradf52@NOSPAMearthlink.net a
> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> UNIX guru!

58. Re: PR:PacTerm '98, PKTerm '99 to support MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 14:26:24 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t5jjg1phg8fncd@corp.supernews.com>
Source record: 9646

Shoot, I'd buy the software in a heartbeat if they had something that would FULLY support the MFJ 1278B. Come on guys, you can do it.

Duffy - WB8NUT

"Rick Ruhl" <ricker@cssincorp.com> wrote in message news:qfn56.875$4Z.68430@news2.atl...
> Muscle Shoals, Alabama. January 5, 2001: Creative Services Software has
> announced that they have come to an agreement with Murray Greenman, ZL1BPU
> and Nino Porcino, IZ8BLY to add the new MSFK-16 digital mode to the CSS
> product line.
>
> The popular TNC programs, written in C++, have been available since November
> 1997.
>
> Company President Rick Ruhl, W4PC said, "Like our PSK-31 interface, the
> MFSK-16 interface will be fully functional in our freely downloadable demo
> version. Our value added feature for the MFSK-16 will have the ability to
> use the TNC's keying circuit or the RTS line off the TNCs serial port for
> keying the radio. This saves you a serial port and allows you to move
> between the sound card's modes (PSK-31 and MSFK-16) and the TNC's modes (CW,
> RTTY, Etc) with the click of a mouse.
>
> The program runs under Windows 95/98/Me and Windows NT/2000. It is a true
> 32-bit Windows application, designed using the Windows Style Guidelines
> available from Microsoft.
>
> "Many ham application programmers are not aware of the Windows Style
> Guidelines. As an example, top-level menus are required to have a drop down
> menu. We adhere to the Style Guidelines since that is what makes the
> interface consistent between Windows programs. CSS follows them as closely
> as possible, and has been writing Windows programs since Windows 1.01 in
> 1985. " Ruhl said.
>
> PacTerm '98, PKTerm '99 They are available directly from Creative Services
> Software or your favorite dealer. You can also download the program in demo
> mode from the CSS web site.
> Creative Services Software is at http://www.cssincorp.com.
>
> Windows, Windows 95, Windows 98, Windows NT and Windows 2000 are

Registered
> Trademarks of Microsoft Corporation.
>
>
>

59. FA: PK -96 1200/9600bps TNC complete with manual less than 48hrs left!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 14:55:22 UTC
From: David <kb9lpk@telocity.com>
Message-ID: <3A59D4DA.D8345227@telocity.com>
Source record: 9647
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.amateur.equipment

```
Let the trading begin-- This item is listed!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1205560410

Title of item: TNC AEA PK-96 Packet Radio TNC 1200/9600bps
Reserve price (if any): $0.00
Quantity: 1
Auction Ends on: Wednesday, Jan 10, 2001 at 01:05:26 PST

The item number is: 1205560410
```

60. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 16:34:39 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <L_l66.1025$Oe.7261@tor-nn1.netcom.ca>
Source record: 9648

Hi Brad,

I have used the KAM PLUS, PK-900, SCS PTC II and DXP-38 on Pactor 1.

In my view, the KAM PLUS performs the worst of all the TNC's that I have used on Pactor 1. Too bad, the KAM PLUS works great on all the other modes like RTTY, AMTOR and packet! In my view, you just can't beat the KAM PLUS for VHF and HF packet. It has so many great features! Almost all the Hams that are still on HF packet use the KAM PLUS.

When the signals are strong and stable, the KAM PLUS seems to work okay on Pactor 1. But with weak or fading signals, there are a lot of retries. I have heard some speculate that KANTRONICS did not do a good job implementing the phase correction routines in the KAM for Pactor 1. Maybe -- I do not know.

In my view, the DXP-38 works better than the KAM PLUS in its so called "P-MODE". But occasionally, the link would drop all of the sudden for no apparent reason. There may be bugs in the firmware of the DXP-38.

The PK-900 works GREAT on PACTOR 1. Unlike the KAM, the PK-900 has a A/D chip for true hardware memory ARQ. In my view, the PK-900 is probably the best AMERICAN made TNC for Pactor 1.

I have heard from Hams who have used both the PK-232 and KAM that the PK-232 works better than the KAM on Pactor 1. Perhaps, AEA did a better job at implementing Pactor 1 than KANTRONICS??

The SCS PTC II does the best job on Pactor 1 (and Pactor II) but you would expect that from the company who invented Pactor.

I do not hear that much Pactor 1 activity these days. But I hear more and more Pactor II activity. (Pactor II is truly an amazing mode). Personally, I would not spend too much money on a TNC for Pactor 1. Like AMTOR, PACTOR 1 is disappearing.

Other than the TOR modes, most of the other modes implemented in the KAM, PK-232 etc have now been implemented in FREE sound card programs using DSP! Many of these sound card programs perform better than the multimode controllers ever did. (e.g. I have heard Hams say that MMTTY for Windows performs better than most TNC's on RTTY. Best of all it is FREE!)

It should also be noted that a lot of Hams are using PSK31 and MFSK on the Ham bands. With the exception of PSK31 in the PTC II, none of these popular new modes have been implemented in the multimode controllers such as the KAM, PK-232, PK-900 etc. I do not even think it is technically possible. You need a DSP based modem for these new modes. So if you want to join in

on the fun, you are going to have to hook up your sound card anyway!

A lot of Hams appear to be dumping their multimode controllers and TNC's on Ebay (and just using their sound card). If you want to still operate Pactor 1, I suggest you pick up a used multimode controller off Ebay or at a flea market! But don't be surprised if one day it becomes a museum piece.

73's
Rob

"Brad Fisher" <bradf@NOSPAMscinetinc.com> wrote in message news:3A5957B4.6827BEDC@NOSPAMscinetinc.com...
> Well, after some off-post email discussions on this subject, I'm
> leaning towards the Kantronics KAM+, for what it's worth. Seems to
> be better support for the product, and I've had good acclaim from
> pactor-1 users.
>
>
> --
> -= Brad Fisher =- I'm just
> internet: bradf52@NOSPAMearthlink.net a
> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> UNIX guru!

61. MFJ-1274 schematic

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 18:55:29 UTC
From: Gordon Walker <walkerg@home.com>
Message-ID: <3A5A0D1F.6E3A6309@home.com>
Source record: 9650

Does anyone have a schematic of the mfj-1274 tnc that they could email me? I'm trying to fix the clubs tnc and needless to say no documentation.

Any help would be greatly appreciated.

73,

Gord
ve3lum
ve3lum@rac.ca

62. Re: Need Controller Advice

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 19:01:05 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <k7o66.2041$Zf.14113@newsfeed.slurp.net>
Source record: 9551

You are talking about "apples" and "oranges". The RigBlaster is a simple Tx audio and PTT interface between your sound card and the rig. The MFJ-1278B is a controller that does all the decoding and sends data to a terminal program on the computer - no sound card used.

My suggestion would be get active in MARS first and find out exactly what their requirements are. My guess is that they are using Pactor so the 1278 might work. Sound card programs (except for some old DOS programs) don't do Pactor. You might also find that MARS uses some special software which may limit what hardware you can use to interface to it.

63. Re: MFJ-1274 schematic

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 19:41:09 UTC
From: nielsen@WashingtonStateResident.oz.net
Message-ID: <93d54lbua0@216.39.171.5>
Source record: 9552

There's a schematic of the TAPR TNC-2 available from TAPR.
It is nearly identical, except that it doesn't have the tuning
indicator.

ftp://tapr.org/software_lib/tnc/tnc2sch.pdf

Bob, N7XY

On Mon, 08 Jan 2001 18:55:29 GMT, Gordon Walker wrote:
>Does anyone have a schematic of the mfj-1274 tnc that they could email
>me? I'm trying to fix the clubs tnc and needless to say no
>documentation.
>
>Any help would be greatly appreciated.
>
>73,
>
>Gord
>ve3lum
>ve3lum@rac.ca

64. Need Controller Advice

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 21:49:57 UTC
From: trout <trout@cityusa.net>
Message-ID: <MPG.14c3d5de6382055e98968e@news.cityusa.net>
Source record: 9649

I need advice on purchasing the controller interface between radio and computer.

I have the paperwork from Arizona to become a MARS station and would like info on the best of all worlds for the hardware and software to meet the military's needs at my end for data transmissions to my station.

I looked at the MFJ-1278B and someone recommended the RigBlaster, but it seemed limited.

Any ideas and any info on other interfaces would be greatly appreciated.

I need maximum features for send and receive.

65. Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 22:38:33 UTC
From: Phil <pminmo@home.com>
Message-ID: <Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com>
Source record: 9553

Is there any work going on using low cost webcams in conjunction with packets to replace sstv?

66. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 23:37:49 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <hbs66.14157$ge4.6355387@news2.rdc2.tx.home.com>
Source record: 9554

I think WB4APR has something:

http://web.usna.navy.mil/~bruninga/aprn.html

"Phil" <pminmo@home.com> wrote
> Is there any work going on using low cost webcams in conjunction with
> packets to replace sstv?

67. ARPS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 23:46:01 UTC
From: joedb@spamoff.earthlink.net
Message-ID: <3a5a518e.190138454@news.earthlink.net>
Source record: 9555

What TNCs will send ARPS packets WITHOUT a computer connected into the system?
Thanks,
Joe
N3HGB

68. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-08 23:51:27 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5A4EE9.FA79DC54@NOSPAMscinetinc.com>
Source record: 9556

Duffy, can you tell me what your firmware revision is?

"J. Duffy Beischel" wrote:
>
> Mine works great on all modes but SSTV. It's garbage for that mode. Works
> great on Pactor and Packet which I usually work and some RTTY. I use the
> MFJ software, not great, but functional. Logger has an interface for the
> 1278, and it is pretty good for free software.
>
> Duffy - WB8NUT
>
u!

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

69. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 00:42:40 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5A5AD6.7BBDD17A@NOSPAMscinetinc.com>
Source record: 9557

Well that's what I was hoping ... but I have not been able to find
any info on the minimum rev needed for pactor. There does not appear to
be a PACTO command anywhere, just amtor mode commands.

There is a menu you can bring up with the SET command that makes
for simple dumb terminal setup for the mode desired ... no PACTOR
there. I was browsing thru the MFJ online manuals today, and see that
ver 3.7 is the latest release of firmware. Nothing is mentioned in the
2 manuals I have, or the addendums about PACTOR either.

Perhaps someone can confirm the rev they've been using. I suspect this
unit is just outside the needed release :(

Howard Goldstein wrote:
> The 1990 firmware should be new enough for pactor. Not sure what
> command XPCOM is but the PACTO command with circa 1990 firmware should
> be enough to get you into pactor command mode

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

70. Re: PR:PacTerm '98, PKTerm '99 to support MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 02:35:11 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <#uE$hOeeAHA.269@cpmsnbbsa09>
Source record: 9558

Duffy,

We're working on finishing up MultiComm Host/Multimode. Actually, we were at MFJ giving training on it to their sales and support people today.

The big hold up is the SSTV interface. Once we get that finished, we'll release it in Preview. Like Pacterm '98 and PKTerm '99, it will support the 1278 keying circut for PSK-31 and MFSK-16..The other HF modes work now.. even though it's only in terminal mode. (the 1278 doesn't support BLP host mode with the HF modes, just with the Packet modes).

Rick - W4PC
http://www.cssincorp.com

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:t5jjg1phg8fncd@corp.supernews.com...
> Shoot, I'd buy the software in a heartbeat if they had something that would
> FULLY support the MFJ 1278B. Come on guys, you can do it.
>
> Duffy - WB8NUT
>
> "Rick Ruhl" <ricker@cssincorp.com> wrote in message
> news:qfn56.875$4Z.68430@news2.atl...
> > Muscle Shoals, Alabama. January 5, 2001: Creative Services Software has
> > announced that they have come to an agreement with Murray Greenman, ZL1BPU
> > and Nino Porcino, IZ8BLY to add the new MSFK-16 digital mode to the CSS
> > product line.
> >
> > The popular TNC programs, written in C++, have been available since
> November
> > 1997.
> >
> > Company President Rick Ruhl, W4PC said, "Like our PSK-31 interface, the
> > MFSK-16 interface will be fully functional in our freely downloadable demo
> > version. Our value added feature for the MFSK-16 will have the ability to
> > use the TNC's keying circuit or the RTS line off the TNCs serial port for
> > keying the radio. This saves you a serial port and allows you to move
> > between the sound card's modes (PSK-31 and MSFK-16) and the TNC's modes
> (CW,
> > RTTY, Etc) with the click of a mouse.

> >
> > The program runs under Windows 95/98/Me and Windows NT/2000. It is a
true
> > 32-bit Windows application, designed using the Windows Style Guidelines
> > available from Microsoft.
> >
> > "Many ham application programmers are not aware of the Windows Style
> > Guidelines. As an example, top-level menus are required to have a drop
> down
> > menu. We adhere to the Style Guidelines since that is what makes the
> > interface consistent between Windows programs. CSS follows them as
closely
> > as possible, and has been writing Windows programs since Windows 1.01 in
> > 1985. " Ruhl said.
> >
> > PacTerm '98, PKTerm '99 They are available directly from Creative
> Services
> > Software or your favorite dealer. You can also download the program in
> demo
> > mode from the CSS web site.
> > Creative Services Software is at http://www.cssincorp.com.
> >
> > Windows, Windows 95, Windows 98, Windows NT and Windows 2000 are
> Registered
> > Trademarks of Microsoft Corporation.
> >
> >
> >
>
>

71. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 04:15:06 UTC
From: Brad Fisher <bradf@scinetinc.com>
Message-ID: <3A5A8C45.91533CBC@scinetinc.com>
Source record: 9559

After doing a search thru the archives of dejanews.com, it
appears that the firmware release of 3.4 is too old to
support packet and this old 1278 requires the MFJ-56A upgrade
($69.95).

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

72. voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 04:37:40 UTC
From: Paul Lantz <plantz@onlink.net>
Message-ID: <93e4ui$8cq$1@onlink3.onlink.net>
Source record: 9560

Are there any voice mode links that use the internet, e.g. a 2m repeater that is accessed for voice?

I dont have access to a repeater where I live -- curious to see if other remote amateurs have done anything to use internet to get voice access to repeaters, etc.

All of the info I have seen has been about internet digital links or satellite based voice links (eg IPARN).

73
Paul
VE3KBL

73. Re: voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 05:08:34 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A5A9CD2.3578FFFF@junglevision.com>
Source record: 9561

Paul Lantz wrote:
> Are there any voice mode links that use the internet, e.g. a 2m repeater
> that is accessed for voice?
>
> I dont have access to a repeater where I live -- curious to see if other
> remote amateurs have done anything to use internet to get voice access to
> repeaters, etc.
>
> All of the info I have seen has been about internet digital links or
> satellite based voice links (eg IPARN).

I did try playing around with 'netmeeting' -- though I hooked up hooked
a mike, and tried clicking on a few buttons, and the first
thing I saw was a guy pulling out his penis and masturbating. The
technology works pretty good, from a technology perspective -- at least
with my DSL line here. But, it seems like most of the net video
conferencing stuff is used for sex. I have since discovered. Ahem.

74. Hamscope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 06:53:23 UTC
From: David Spoelstra <davids@mediamachine.com>
Message-ID: <Dzy66.76485$36.3200143@news1.rdc1.il.home.com>
Source record: 9562

I have seen several people on PSK31 mention that they are running "Hamscope". Unfortunately, I have been unable to find it through searching, and I have been unable to catch one of the people on PSK31 to ask them where they got it. Does anyone know where to find Hamscope?

-David N9KT

75. FA: Motorola Rib and cables 1 day left

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 09:10:05 UTC
From: David <kb9lpk@telocity.com>
Message-ID: <3A5AD56D.B9644357@telocity.com>
Source record: 9563
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.digital.misc

```
Let the trading begin-- NO RESERVE! Complete Motorola RIB and programing
cable listed!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1205558878

Title of item: Motorola RIB Interface Box w/program cables
Reserve price (if any): $0.00
Quantity: 1
Auction Ends on: Wednesday, Jan 10, 2001 at 00:18:59 PST

The item number is: 1205558878
```

76. Tnos users please .cannot on xterm !!!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 10:44:28 UTC
From: jackson <pra_oe5fol@yline.com>
Message-ID: <3A5AEB8B.F847A09A@yline.com>
Source record: 9564

Dear Tnos user,
Have used Tnos 2.30 successfully for years (slattach to a PK232)
But now I am using a new Mandrake 72. my tnos comes up as usual on xterm
(terminal)
but then suddenly the prompt begins to tick and multiply like
::::::::::::
I don't know what is interfering or why the tnos doesn'like the xterm

startup nos file :

export Term=xterm

I think here I need some modification ?????

Any help, or if you know anybody who runs Tnos under Linux
I am absolutely frustrated. because I can kick up the PK232 DSP only
with slattach
and a furious "tip ax0"-- cmd: KIss on"

Any , any help is very appreciated- Thank you

vy 73 de john oe5fol

77. Re: Hamscope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 11:09:43 UTC
From: mogens9181@aol.com
Message-ID: <20010109060943.20602.00000737@ng-fl1.aol.com>
Source record: 9565

You can find Hamscope and a number of other programs in the following:

http://www.btinternet.com/~g3vfp/download.html

73 and have fun
C. Jespersen

78. Re: MFJ-1274 schematic

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 14:15:27 UTC
From: Gordon Walker <walkerg@home.com>
Message-ID: <3A5B1CFB.AC319527@home.com>
Source record: 9566

Bob,
Thanks for the info. I'll take a look at it.

Gord, VE3LUM

Bob Nielsen wrote:
>
> There's a schematic of the TAPR TNC-2 available from TAPR.
> It is nearly identical, except that it doesn't have the tuning
> indicator.
>
> ftp://tapr.org/software_lib/tnc/tnc2sch.pdf
>
> Bob, N7XY
>
> On Mon, 08 Jan 2001 18:55:29 GMT, Gordon Walker wrote:
> >Does anyone have a schematic of the mfj-1274 tnc that they could email
> >me? I'm trying to fix the clubs tnc and needless to say no
> >documentation.
> >
> >Any help would be greatly appreciated.
> >
> >73,
> >
> >Gord
> >ve3lum
> >ve3lum@rac.ca

79. Re: voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 15:11:56 UTC
From: dvari <dvari@adelphia.net>
Message-ID: <0TF66.2626$bE4.141240@news1.news.adelphia.net>
Source record: 9567

Hit this link and follow instructions
de dave

Paul Lantz <plantz@onlink.net> wrote in message
news:93e4ui$8cq$1@onlink3.onlink.net...
> Are there any voice mode links that use the internet, e.g. a 2m repeater
> that is accessed for voice?
>
> I dont have access to a repeater where I live -- curious to see if other
> remote amateurs have done anything to use internet to get voice access to
> repeaters, etc.
>
> All of the info I have seen has been about internet digital links or
> satellite based voice links (eg IPARN).
>
> 73
> Paul
> VE3KBL
>
>

80. Re: Early TS-2000 Reports: We Have a Winner!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 18:03:56 UTC
From: "s.b.hobbs" <s.b.hobbs@ntlworld.com>
Message-ID: <%nI66.1177$rB.27417@news2-win.server.ntlworld.com>
Source record: 9568
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Ah, but will the European Version have "Skycommand" ? The TH-D7E does'nt
have a Menu for Skycommand Functions so am I right in assuming that all of
Europe will miss out this function on the TS-2000????
73's
Steve G7EXZ
"Jethro Jumbalaya Twain" <qwasty@hotmail.com> wrote in message
news:93bbbekqp1@nnrp1.deja.com...
> The TS-2000 reports are looking good - heck - I'd even say JUICY! I
> just GOTTA get me one of those!! Some people say it's ugly, but I don't
> care what it looks like as long as it works.
>
> It don't matter what she looks like, only what she cooks like...
>
>
> http://www.eham.net/articles/1692
>
>
> Sent via Deja.com
> http://www.deja.com/

81. Re: Hamscope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 18:29:59 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3A5B58A6.10A519D3@ix.netcom.com>
Source record: 9569

Try URL:
http://www.psk31.com/Other_Links___/other_links___.htm
--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!
===============

David Spoelstra wrote:

> I have seen several people on PSK31 mention that they are running
> "Hamscope". Unfortunately, I have been unable to find it through searching,
> and I have been unable to catch one of the people on PSK31 to ask them where
> they got it. Does anyone know where to find Hamscope?
>
> -David N9KT

82. RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 18:34:37 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <93flqk$iq4$1@uranium.btinternet.com>
Source record: 9570

Can anyone point me to the site for RITTY downloads? All my searches turned up were dead links.

TIA,

Roger Basford

83. Re: Freeware Logging Programs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 20:22:14 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <9024995B8darrylNOSPAMshecorac@207.126.101.100>
Source record: 9571

foxblaine@aol.com (R. Blaine Fox) wrote in
<20001120005344.18174.00001578@ng-fi1.aol.com>:

>>I like XMlog. www.xmlog.com
>
>I use XMlog and love it!!! It's great!
>
>73~~~
>
>R. Blaine Fox (N9LXX)
>Beloit, WI
>
>

Does it support radio control?

thanks
darryl WA1GON

84. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 21:31:59 UTC
From: Shane Deering <vk3bvp@crosswinds.net>
Message-ID: <93fvqm$491$1@perki.connect.com.au>
Source record: 9572

"Phil" <pminmo@home.com> wrote in message
news:Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com...
> Is there any work going on using low cost webcams in conjunction with
> packets to replace sstv?
>
>

Why would it replace sstv?
I can't see any reason why you couldn't use whatever software you
have now (to use a webcam on the internet) on packet. If it will work
on a lan then it should work on packet.

Why settle for still images when you can use your webcam for full
motion, but slow frame rate, video?

I wanted to buy a webcam thingo a while back, but I wasn't allowed to.

Shane..

85. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 22:08:31 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn95n2uv.nhu.nomail@linux.pe1chl.ampr.org>
Source record: 9573

Shane Deering <vk3bvp@crosswinds.net> wrote:

>"Phil" <pminmo@home.com> wrote in message
>news:Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com...
>> Is there any work going on using low cost webcams in conjunction with
>> packets to replace sstv?

>Why would it replace sstv?
> I can't see any reason why you couldn't use whatever software you
>have now (to use a webcam on the internet) on packet. If it will work
>on a lan then it should work on packet.

This assumes the througput of your packet link is comparable to that of a
state-of-the-art telephone modem. There you have your reason.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

86. Re: voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 22:31:13 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10101092230470.12773-100000@exp.bde-arc.ampr.org>
Source record: 9574

On Mon, 8 Jan 2001, Cathryn Mataga wrote:
> Paul Lantz wrote:
> > Are there any voice mode links that use the internet, e.g. a 2m repeater
> > that is accessed for voice?
> >
> > I dont have access to a repeater where I live -- curious to see if other
> > remote amateurs have done anything to use internet to get voice access to
> > repeaters, etc.
> >
> > All of the info I have seen has been about internet digital links or
> > satellite based voice links (eg IPARN).
>
> I did try playing around with 'netmeeting' -- though I hooked up hooked
> a mike, and tried clicking on a few buttons, and the first
> thing I saw was a guy pulling out his penis and masturbating. The
> technology works pretty good, from a technology perspective -- at least
> with my DSL line here. But, it seems like most of the net video
> conferencing stuff is used for sex. I have since discovered. Ahem.

Hmmmmmmmmmmmm. Most people don't consider cybersex as "good technology."
However, it does prove that the technology works well.

87. FA: MOTOROLA RIB BOX AND CABLES 9HRS LEFT!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-09 22:43:58 UTC
From: David <kb9lpk@telocity.com>
Message-ID: <3A5B942E.179021B4@telocity.com>
Source record: 9575
Cross-posted to:
rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Let the trading begin-- NO RESERVE! Complete Motorola RIB and programing
cable listed!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1205558878

Title of item: Motorola RIB Interface Box w/program cables
Reserve price (if any): $0.00
Quantity: 1
Auction Ends on: Wednesday, Jan 10, 2001 at 00:18:59 PST

The item number is: 1205558878

88. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 00:07:38 UTC
From: Brad Fisher <bradf@scinetinc.com>
Message-ID: <3A5BA787.44BA9CD3@scinetinc.com>
Source record: 9576

Also, I found out today that the MFJ-56A addon board that will allow
PACTOR operation on the older 1278 is no longer available from MFJ :(

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

89. What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 00:38:57 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5BAECB.2B89968F@NOSPAMscinetinc.com>
Source record: 9577

Been on the last few nights on 10.131.86 mhz ... looks like rtty with
a 850 hz shift and a mark of 1435 hz. But I cannot decode it with
the mmtty program.

599 signal ... anybody know what it is?

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

90. Re: voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 00:57:08 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <ErO66.17331$ge4.8338852@news2.rdc2.tx.home.com>
Source record: 9578

I look for those web-cams showing people eating dinner
and make raspberry noises. Hilarious... They actually get
up and turn the camera off.

> > I did try playing around with 'netmeeting' -- though I hooked up hooked
> > a mike, and tried clicking on a few buttons, and the first
> > thing I saw was a guy pulling out his penis and masturbating.

91. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 01:09:46 UTC
From: Radioguy <radioguy@snet.net>
Message-ID: <3A5BB65A.7020202@snet.net>
Source record: 9579

Roger Basford wrote:

> Can anyone point me to the site for RITTY downloads? All my searches turned
> up were dead links.

Try a search for MTTY. If searching try RTTY , no "i"
73
Pete

92. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 02:57:45 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <JcQ66.1708$fr.94984@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9580

```
It works fine over packet ...
... just as one would expect.

You can do a bit better than sstv over a good link.

--

... Hank

http://horedson.home.att.net

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn95n2uv.nhu.nomail@linux.pe1chl.ampr.org...
> Shane Deering <vk3bvp@crosswinds.net> wrote:
>
> >"Phil" <pminmo@home.com> wrote in message
> >news:Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com...
> >> Is there any work going on using low cost webcams in conjunction with
> >> packets to replace sstv?
>
> >Why would it replace sstv?
> > I can't see any reason why you couldn't use whatever software you
> >have now (to use a webcam on the internet) on packet. If it will work
> >on a lan then it should work on packet.
>
> This assumes the througput of your packet link is comparable to that of a
> state-of-the-art telephone modem. There you have your reason.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+
```

93. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 07:50:58 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <93i9qg$mm9$1@plutonium.btinternet.com>
Source record: 9585

I have MTTY, I'm looking for RITTY, with the "i"!

Roger

Radioguy <radioguy@snet.net> wrote in message
news:3A5BB65A.7020202@snet.net...
> Roger Basford wrote:
>
> > Can anyone point me to the site for RITTY downloads? All my searches
turned
> > up were dead links.
>
> Try a search for MTTY. If searching try RTTY , no "i"
> 73
> Pete
>

94. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 09:16:56 UTC
From: packet@start.com.au
Message-ID: <_FV66.425$aQ1.16340@ozemail.com.au>
Source record: 9581

In article <3A5BB65A.7020202@snet.net>, Radioguy <radioguy@snet.net> wrote:
>Roger Basford wrote:
>
>> Can anyone point me to the site for RITTY downloads? All my searches turned
>> up were dead links.
>
>Try a search for MTTY. If searching try RTTY , no "i"
>73
>Pete
>
Also you might try here good site for soundcard stuff, great program is
Hamscope....Version 1.21 By Glen KD5HIO. Supports PSK,RTTY,CW,MFSK And ASCII.
http://www.btinternet.com/~g3vfp/files
cheers

95. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 11:07:49 UTC
From: n8blk@aol.com
Message-ID: <20010110060749.22779.00000137@nso-fa.aol.com>
Source record: 9582

In article <3A5A5AD6.7BBDD17A@NOSPAMscinetinc.com>, Brad Fisher
<bradf@NOSPAMscinetinc.com> writes:

>There is a menu you can bring up with the SET command that makes
>for simple dumb terminal setup for the mode desired ... no PACTOR
>there. I was browsing thru the MFJ online manuals today, and see that
>ver 3.7 is the latest release of firmware. Nothing is mentioned in the
>2 manuals I have, or the addendums about PACTOR either.

MFJ sold an upgrade for machines like yours with a daughterboard to plug in,
making it the almost equivalent of a 1278B (one key difference was that your
1278 most likely won't handle a terminal speed faster than 9600 baud, while the
later versions would handle 19,200 over the serial port connection). I've
never been quite sure if the MFJ was a good investment or not. It did offer
lots of functions but for example on Pactor, its implementation was not
particularly good, it worked, but needed a much stronger signal, and sadly even
with a 9600 baud modem, it's still slow today. For keyboard to keyboard work,
it also doesn't handle newer modes like PSK31, or MMTTY or any of the newer
mostly soundcard dependent modes, and its rtty implementation while functional
wasn't the bet either. As for 300 baud packet, the less said the better on
almost any implemenation, packet just isn't suitable for HF it appears.
-art clemons-

96. RTTY Volta 2000 results

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 12:36:43 UTC
From: Roberto Borghi <ik2lol@cosmo.it>
Message-ID: <93hkfpsum1@fe1.cs.interbusiness.it>
Source record: 9583

```
Come to see at this link
http://beam.at/volta
or
http://members.xoom.it/rrc/

here you can found all official 2000 results
```

-- 73's de ik2lol
---
ik2lol@bigfoot.com
---
url work: http://welcome.to/bsfcantu
url hobby home page: http://www.qsl.net/ik2lol

Ari sezione di Cant&#65533;

97. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 13:45:24 UTC
From: Richard Ferch <ve3iay@storm.ca>
Message-ID: <93hp57$4j6$1@news.storm.ca>
Source record: 9584

"Radioguy" <radioguy@snet.net> wrote in message
news:3A5BB65A.7020202@snet.net...
> Roger Basford wrote:
>
> > Can anyone point me to the site for RITTY downloads? All my searches
turned
> > up were dead links.
>
> Try a search for MTTY. If searching try RTTY , no "i"
> 73
> Pete
>

Some clarifications may help:

RITTY is the name of a DOS sound-card RTTY program written by K6STI. You can learn more about it at http://www.eham.net/reviews/detail/235. The author expects to be paid for his time and effort, so it's not surprising that you didn't find a download site. You may be able to order a copy by contacting him directly (you can look up his address at http://www.buck.com).

The acronym MTTY mentioned above could mean several things. One of them is a "minimum-shift" (22.7 Hz) RTTY mode supported by UT2UZ's MixW32 software (http://users.nais.com/~jaffejim/mixwpage.htm). However, it may instead have been intended to refer to a popular free Windows sound-card RTTY program called MMTTY. You can download MMTTY from http://www.geocities.com/mmtty_rtty/index.html.

73, Rich
VE3IAY

98. CQ Ø7Ø Club

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 19:14:29 UTC
From: n3dqu@aol.com
Message-ID: <20010110141429.07345.00000720@ng-da1.aol.com>
Source record: 9586

New WAC endorsement now available to ï¿½7ï¿½ Club members...Check it out at < http://hometown.aol.com/n3dqu/podxs070.htm > ....73 de Jay, N3DQU.

99. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 19:46:40 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <93ie89$5i$1@plutonium.btinternet.com>
Source record: 9587

Richard Ferch <ve3iay@storm.ca> wrote in message
news:93hp57$4j6$1@news.storm.ca...
>
>
> Some clarifications may help:
>
> RITTY is the name of a DOS sound-card RTTY program written by K6STI. You
can
> learn more about it at http://www.eham.net/reviews/detail/235.

Sorry, but that's a dead link too, never mind!
>
> The acronym MTTY mentioned above could mean several things. One of them is
a
> "minimum-shift" (22.7 Hz) RTTY mode supported by UT2UZ's MixW32 software
> (http://users.nais.com/~jaffejim/mixwpage.htm). However, it may instead
have
> been intended to refer to a popular free Windows sound-card RTTY program
> called MMTTY. You can download MMTTY from
> http://www.geocities.com/mmtty_rtty/index.html.
>

Very nice program too, I use it a lot. I had heard that RITTY supports ARQ
modes, hence my interest.

73,

Roger, G3VKM

100. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 21:40:30 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A5CD6CE.B6E72900@junglevision.com>
Source record: 9589

Phil wrote:
>
> Ok,
> I'm completely new to packet, I assume by the comments that packet has a
> data link defined for tcp/ip then? If so what do I need to take a computer
> serial or modem output to link it with a transmitter? It would make sense
> that there would be an interface device that would key a transmitter and do
> the modulation. I guess there would be something comperable for the receive
> side or a combo for a transciever? Is there a website that describes the
> equipment?

If you use Windows, search the web for sv2agw. This software can work
with sound cards or other cheap-ish modems, that then connect to your radio.
It does TCP/IP, but you have to pay a cheap registration fee for that.

>
> Thanks,
> Phil Moore
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:JcQ66.1708$fr.94984@bgtnsc04-news.ops.worldnet.att.net...
> > It works fine over packet ...
> > ... just as one would expect.
> >
> > You can do a bit better than sstv over a good link.
> >
> > --
> >
> > ... Hank
> >
> > http://horedson.home.att.net
> >
> > "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > news:slrn95n2uv.nhu.nomail@linux.pe1chl.ampr.org...
> > > Shane Deering <vk3bvp@crosswinds.net> wrote:
> > >
> > > >"Phil" <pminmo@home.com> wrote in message
> > > >news:Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com...
> > > >> Is there any work going on using low cost webcams in conjunction with
> > > >> packets to replace sstv?
> > >
> > > >Why would it replace sstv?
> > > > I can't see any reason why you couldn't use whatever software you
> > > >have now (to use a webcam on the internet) on packet. If it will work
> > > >on a lan then it should work on packet.

> > >
> > > This assumes the througput of your packet link is comparable to that of
> a
> > > state-of-the-art telephone modem. There you have your reason.
> > >
> > > Rob
> > > --
> > >
> +---------------------------------+--------------------------------------+
> > > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
> |
> > > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
> |
> > >
> +---------------------------------+--------------------------------------+
> >
> >

101. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 21:41:27 UTC
From: Phil <pminmo@home.com>
Message-ID: <bG476.73452$g6.32131947@news1.elmhst1.il.home.com>
Source record: 9588

Ok,
I'm completely new to packet, I assume by the comments that packet has a data link defined for tcp/ip then? If so what do I need to take a computer serial or modem output to link it with a transmitter? It would make sense that there would be an interface device that would key a transmitter and do the modulation. I guess there would be something comperable for the receive side or a combo for a transciever? Is there a website that describes the equipment?

Thanks,
Phil Moore

"Hank Oredson" <horedson@att.net> wrote in message
news:JcQ66.1708$fr.94984@bgtnsc04-news.ops.worldnet.att.net...
> It works fine over packet ...
> ... just as one would expect.
>
> You can do a bit better than sstv over a good link.
>
> --
>
> ... Hank
>
> http://horedson.home.att.net
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn95n2uv.nhu.nomail@linux.pe1chl.ampr.org...
> > Shane Deering <vk3bvp@crosswinds.net> wrote:
> >
> > >"Phil" <pminmo@home.com> wrote in message
> > >news:Jjr66.72458$g6.31012245@news1.elmhst1.il.home.com...
> > >> Is there any work going on using low cost webcams in conjunction with
> > >> packets to replace sstv?
> > >
> > >Why would it replace sstv?
> > > I can't see any reason why you couldn't use whatever software you
> > >have now (to use a webcam on the internet) on packet. If it will work
> > >on a lan then it should work on packet.
> > >
> > This assumes the througput of your packet link is comparable to that of
a
> > state-of-the-art telephone modem. There you have your reason.
> > >
> > Rob
> > --

```
> >
+--------------------------------+-------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
> >
+--------------------------------+-------------------------------------+
>
>
```

102. Re: Web cams and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-10 22:40:30 UTC
From: Shane Deering <vk3bvp@crosswinds.net>
Message-ID: <93io75$8sb$1@perki.connect.com.au>
Source record: 9590

"Phil" <pminmo@home.com> wrote in message
news:bG476.73452$g6.32131947@news1.elmhst1.il.home.com...
> Ok,
> I'm completely new to packet, I assume by the comments that packet has a
> data link defined for tcp/ip then? If so what do I need to take a
computer
> serial or modem output to link it with a transmitter? It would make sense
> that there would be an interface device that would key a transmitter and
do
> the modulation. I guess there would be something comperable for the
receive
> side or a combo for a transciever? Is there a website that describes the
> equipment?
>
> Thanks,
> Phil Moore

Perhaps you need to start at the beginning.
I just went to google and searched for "guide to packet radio" and got -
Searched the web for "guide to packet radio". Results 1 - 10 of about 34.
Search took 0.85 seconds.
A quick look through that lot should bring you up to speed.
There were also some good magazine articals on packet written 10 to 15 years
ago when packet
was getting into full swing.

Cathryn mentioned AGW which gets good revues. I use Flex32 which is very
good for tcpip, but
doesn't have a lot of support for normal ax25 (packet) as yet. Once set up
for tcpip they can be
treated as a LAN as far as your internet software goes. What speed you use
is up to you (and
the people you network with), but you can't expect to get normal internet
performance on a
1200bd packet link. I have a web page with a rough idea of what I've done
here at
http://www.qsl.net/vk3bvp/ethrax25.htm I'm not a web page designer or a
writer :-)

There is also the more traditional tcpip packet software and I know that two
of the people that
have contributed to this thread have written their own variants on that.
These normally have
NOS or NET in their name.

Have fun.

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm

103. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-11 00:28:34 UTC
From: Brad Fisher <bradf@NOSPAMscinetinc.com>
Message-ID: <3A5CFB34.6CF4BD0C@NOSPAMscinetinc.com>
Source record: 9591

Ahhh, the *real* story comes out ;)

For that, I'd recommend giving xpcom a try ...

http://www.goodnet.com/~gjohnson/

You did not mention what kind of multi-mode controller you are using,
or if you have a desire to operate in a dos or windows (or linux?)
environment. From my recent searches for pactor support it seems
most programs support Kantronics, AEA, and sometimes MFJ equipment.
Oh, and then there is that $other$ company SCS ;)

Good luck!

Roger Basford wrote:
> Very nice program too, I use it a lot. I had heard that RITTY supports ARQ
> modes, hence my interest.
>
> 73,
>
> Roger, G3VKM

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

104. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-11 03:55:13 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <3kbq5t0tre2d1j4on4ge6bmda4s3cib0ik@4ax.com>
Source record: 9593
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

105. PK-232/DSP - cheap price ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-11 05:07:27 UTC
From: trout <trout@cityusa.net>
Message-ID: <grfq5t0epq1vkdb3dl0umk9a0vf9gbl261@4ax.com>
Source record: 9592

Does anyone have a source for a decent price
for the TimeWave PK-232/DSP controller ??

106. FS: AEA DSP-2232

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-11 23:39:22 UTC
From: Michael Malloy <mmalloy@wi.rr.com>
Message-ID: <Kur76.6807$nU4.352525@typhoon.mw.mediaone.net>
Source record: 9594

I have an AEA DSP-2232 mulit-mode data controller with the latest firmware version for sale. The unit is in like new condition and has been in a non smoking environment. Asking $300 shipped to CONUS. Please email 9if you are interested.

107. ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 05:00:25 UTC
From: dputnick@alumni.caltech.edu
Message-ID: <3a5e8dd4.21426925@news.earthlink.net>
Source record: 9595
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Does anyone know where I can find CAT software for the Yaesu FT-920?
No objection to commercial-ware. Or how about CAT source code that I
could modify for the 920? Thanks. don p

108. Re: MFJ-1278 - What good is it???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 12:52:45 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t5tvg7elaomnca@corp.supernews.com>
Source record: 9596

Brad,

I have no idea. I updated it the first year since MFJ gave out update certificates for a new ROM several years ago. I have not seen any information on an upgrade in some time so I suspect it is their latest version.

Duffy

"Brad Fisher" <bradf@NOSPAMscinetinc.com> wrote in message news:3A5A4EE9.FA79DC54@NOSPAMscinetinc.com...
> Duffy, can you tell me what your firmware revision is?
>
> "J. Duffy Beischel" wrote:
> >
> > Mine works great on all modes but SSTV. It's garbage for that mode. Works
> > great on Pactor and Packet which I usually work and some RTTY. I use the
> > MFJ software, not great, but functional. Logger has an interface for the
> > 1278, and it is pretty good for free software.
> >
> > Duffy - WB8NUT
> >
> u!
>
> --
> -= Brad Fisher =- I'm just
> internet: bradf52@NOSPAMearthlink.net a
> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> UNIX guru!

109. Re: Tnos users please .cannot on xterm !!!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 12:57:40 UTC
From: Shane Deering <vk3bvp@vk3bvp.#sev.vic.aus.oc>
Message-ID: <VKBV5695687B@vk3bvp-3.ampr.org>
Source record: 9597

"jackson" <pra_oe5fol@yline.com> wrote in message
news:3A5AEB8B.F847A09A@yline.com...
> Dear Tnos user,
> Have used Tnos 2.30 successfully for years (slattach to a PK232)
> But now I am using a new Mandrake 72. my tnos comes up as usual on xterm
> (terminal)
> but then suddenly the prompt begins to tick and multiply like
> ::::::::::::
> I don't know what is interfering or why the tnos doesn'like the xterm
>
> startup nos file :
>
> export Term=xterm
>
> I think here I need some modification ?????
>
> Any help, or if you know anybody who runs Tnos under Linux
> I am absolutely frustrated. because I can kick up the PK232 DSP only
> with slattach
> and a furious "tip ax0"-- cmd: KIss on"
>
> Any , any help is very appreciated- Thank you
>
> vy 73 de john oe5fol

You might have better luck with the TNOS mailing list.
You can subscribe at http://delphi.wagate.com/mailman/listinfo/tnos-sig

Shane..

110. Help: interface RadioShack HTX-252 to TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 15:41:00 UTC
From: Don Strom <dvstrom@netsync.net>
Message-ID: <t5u9g2c1k6cff8@corp.supernews.com>
Source record: 9598

I need help to find the pin configuration on the mic connecter on the HTX-252 . The Radio Shake sit is no help. I have searched for other packet pages and I have found diagrams for other Radio Shack 2 meter transceivers but not for the HTX-252.

Thank you
Don in Jamestown NY.

111. Re: interface RadioShack HTX-252 to TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 17:07:29 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <IRG76.32309$ge4.13236763@news2.rdc2.tx.home.com>
Source record: 9599

Radio Shack does not support modifications to their new radios.

Need to sit down with your scope and check the pins.

"Don Strom" <dvstrom@netsync.net> wrote
> I need help to find the pin configuration on the mic connecter on the
> HTX-252 . The Radio Shake sit is no help. I have searched for other
packet
> pages and I have found diagrams for other Radio Shack 2 meter transceivers
> but not for the HTX-252.

112. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 18:51:32 UTC
From: rn822706@aol.com
Message-ID: <20010112135132.11246.00001054@ng-bj1.aol.com>
Source record: 9600

go to HTTP://WWW.BTINTERNET.COM/~
G3VFP/DOWNLOAD.HTML .YOUBEST SHOT IS TO DOWNLOAD ZAKANAKA
I T HAS EMBEDDED IN IT MMTY.I HAVE
BEEN USING IT SUCCESSFULLY FOR RTTY AND PSK31.I AM INFORMED IN U
MAGAZINE "PRACTICAL WIRELESS"
THAT FUTURE ISSUES WILL INCLUDE C.W. D/LOAD RUNS TO 4MB.
ITS A GREAT MODE.GOODLUCK 73.
DE GM0LTQ.

113. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 19:31:15 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn95ums2.gqg.nomail@linux.pe1chl.ampr.org>
Source record: 9652

```
RN 822706 <rn822706@aol.com> wrote:
>go to HTTP://WWW.BTINTERNET.COM/~
>G3VFP/DOWNLOAD.HTML .YOUBEST SHOT IS TO DOWNLOAD ZAKANAKA
>I T HAS EMBEDDED IN IT MMTY.I HAVE
>BEEN USING IT SUCCESSFULLY FOR RTTY AND PSK31.I AM INFORMED IN U
>MAGAZINE "PRACTICAL WIRELESS"
>THAT FUTURE ISSUES WILL INCLUDE C.W. D/LOAD RUNS TO 4MB.
>ITS A GREAT MODE.GOODLUCK 73.
> DE GM0LTQ.

It even has a built-in newsreader???

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+
```

114. Re: Need Controller Advice

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-12 19:31:19 UTC
From: rn822706@aol.com
Message-ID: <20010112143119.11246.00001057@ng-bj1.aol.com>
Source record: 9651

RIGBASTER IS AN INTERCONNECTION
DEVICE. WILL ONLY PASS AUDIO TO AND FROM RX/TX AND PC .IT ALSO CAN BE USED TO
OPEATE PTT EITHER BY
USING SIGNAL FROM COM PORT OR
SETTING SYSTEM UP TO USE"VOX".
YOU CAN USE IT WITH A VARIET OF SOFTWARE PROGS--LIKE--WIN PSK
---DIGIPAN--ZAKANAKA/MMTY .
HOPE THIS HELPS. GM0LTQ

115. Psion REVO and packet Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 09:09:34 UTC
From: Phil <philvdk@pandora.be>
Message-ID: <iXU76.151559$MA1.5089922@afrodite.telenet-ops.be>
Source record: 9653
Cross-posted to: alt.nl.radio.zendamateur.gelicentieerd,nl.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Hi,

I want to buy a PSION REVO or REVO PLUS
If there exists a way to have packet radio working on this palmtop, please
send me any information on :

- how to install software
- where to find software
- how to hook up a TNC
- witch tnc's will work
- what is possible

I've heard about psion and Packet, maybe the REVO is not right and I need
another model
So all info is welcome

Thanks a million !
Phil, ON4BAW

on4baw@pandora.be

116. Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 15:46:23 UTC
From: kk5yy@arrl.net
Message-ID: <3a607714.166602758@nntp.mindspring.com>
Source record: 9654

Congratulations to W8FDV and W3SHY they garner the Digital Bozo of the week award for firing up right over the ARRL MFSK16 Digital run. How well did these old time experienced Extra Class operators do? Well they wiped out W1AW and were perfect copy so I'd say they hit the QRM right on the head. Congrats you two clowns get to share Digital Bozo of the Week.

Try listening before transmitting old age and bad hearing don't excuse this one guys.

117. pk-12

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 16:22:17 UTC
From: Somchai LimphanUdom <hs9ca@amsat.org>
Message-ID: <93q055cce1@news.loxinfo.co.th>
Source record: 9657

I'm a newcomer in digital.I worked with PC PakRatt lite ,dos software is
included with PK-12 on VHF 2m. It doesn't pass y2k. Anyone can help me to
find another program running on dos.
73...de
--
'chai hs9ca@amsat.org

118. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 19:13:44 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <07a16tgfag58tcp7hrkql899qshe29jkcq@4ax.com>
Source record: 9655
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

119. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 19:13:52 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <d7a16tofqr841rc0tu2rh9nu6ke9hp3f1p@4ax.com>
Source record: 9656
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

120. Alinco DR-135T question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-13 22:34:36 UTC
From: "Joseph Marchi, KF6DWT" <looselip@home.com>
Message-ID: <0K486.6965$Ti5.336784@news1.alsv1.occa.home.com>
Source record: 9658
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.digital

Has anyone had any luck configuring the DR-135T with the added EJ-41U internal TNC? I'm new to packet and am attempting configuration under either Linux or Windows. TIA.

121. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-14 00:56:37 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3a60fb31_3@news1.prserv.net>
Source record: 9659

"Gerald Schmitt" <kk5yy@arrl.net> wrote in message
news:3a607714.166602758@nntp.mindspring.com...
>
> Congratulations to W8FDV and W3SHY they garner the Digital
> Bozo of the week award for firing up right over the ARRL MFSK16
> Digital run. How well did these old time experienced Extra Class
> operators do? Well they wiped out W1AW and were perfect copy
> so I'd say they hit the QRM right on the head. Congrats you two
> clowns get to share Digital Bozo of the Week.
>
> Try listening before transmitting old age and bad hearing don't
> excuse this one guys.

I wasn't there. I support and am a member of, ARRL. However, I believe
that I am correct that it is an announced policy of W1AW, when sending
bulletins, not to listen before transmitting. While FCC has issued rulings
which seem to say that this is legal, I still believe that it is a misguided
and unwise policy. Accordingly, one wonders whether the fault in the
instance noted above was that of the individual amateurs. (Don't ask me.)
--

Roger, W6VZV

"I want to die peacefully, in my sleep, like my grandfather...
Not screaming, and in terror, like his passengers..."

122. WinPSK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-14 17:16:58 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t63nnij7s1ib9c@corp.supernews.com>
Source record: 9660

I have used the original WinPSK for most of my PSK operating. However, when switching to the new dll version 2.0 the decoding seems to be rather poor. Also other PSK programs built on the DLL do not seem to decode as well either. I am not the only one that seems to have noticed this either. Anyone else run into this? Anyone have an explanation on why this may be ocurring?

Thanks,

Duffy - WB8NUT

123. Looking for HAL DS-3100 ASR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-14 17:18:36 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3a61dee3$1@news.enetis.net>
Source record: 9661

With the disk option.

Thanks

John WB6GHA

124. REMOTE OPERATION OF HF RIG VIA A PHONE LINE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-14 23:38:35 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <8Mq86.264$nfe.8388828@news.xtra.co.nz>
Source record: 9662

Anyone have any ideas about how to operate an HF transceiver remotely over a phone line?

I know you can do this with a Kachina (at great expense) or in a simple way with touch-tone pads etc but what about other rigs such as Yaesu/Icom/Kenwood etc and with full ability to continuously tune the radio, hear the results - just as if the radio were right by you?
The problem seems to be how to provide a simultaneous data link and full/half duplex audio over the same phone line. Anyone know anything about so-called "SVD" (simultaneous voice/data) modems?

The internet seems not ideal for this type of operation due to:

a) latency i.e. delays
b) Problems integrating control s/ware with audio server s/ware etc
b) need to have the radio end on a permanent internet connection i.e. ADSL , ISDN, Cable.
c) need to have a second PC/software running at the radio end.

What I want do is:

1) Have only the radio and a modem at the remote end (preferably no computer).
2) A PC only at the user end with s/ware simulating the radio (like Umbra Systems ARCP http://www.halcyon.com/amreg/ for Icoms)

As an alternative, with Icom CIV rigs anyway, it is even possible to use one rig to control another via RS-232. i.e. no computers at all. I have tested this with an Icom 735 and a Icom 706 - either will control the other. The alternative is a PC running a remoe control package like the Umbra as mentioned above. What I am missing is means to feed the two-way audio simultaneously over the same phone line as the data (data can be as slow as 1200 bp/s but preferable 9600 bp/s).

Why do I want to do this? Primarily to "see if it can be done". But in fact the idea seems to have merit for any ham with deed restrictions, RFI, TVI problems in fact anywhere where a ham station is not feasible. The radio would go at a club site, another hams place, remote rural location or wherever.

Chris Muir ZL1BOE

125. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 00:40:35 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <nnh46tsuqtqa0d9bcmhm05q3012291egmg@4ax.com>
Source record: 9663
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

126. PacketRadio, WindowsCE, Modem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 14:18:34 UTC
From: Andree Hingst <andree.hingst@ltbbg1.lvnbb.dbp.de>
Message-ID: <93v0rq$d7o$1@news2.dtag.de>
Source record: 9664

Is there any Packet-Radio-Software available, to use a modem (not a TNC)
with WindowsCE, especially on a HP Journada ?

tnx in advance and 73
Andree, DL7UGH

--

127. Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 16:49:30 UTC
From: w9vhe1@email.msn.com
Message-ID: <3a6429d6.245225716@netnews.msn.com>
Source record: 9665

I use the software from the november 92 issue of QST modified for a Yaesu FT-747. If you think it will work, I can send you the BASIC source for it.

On Fri, 12 Jan 2001 05:00:25 GMT, dputnick@alumni.caltech.edu (Don Putnick) wrote:

>Does anyone know where I can find CAT software for the Yaesu FT-920?
>No objection to commercial-ware. Or how about CAT source code that I
>could modify for the 920? Thanks. don p

128. Re: pk-12

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 20:14:23 UTC
From: Michael Ruther <michael.ruther@honeywell.com>
Message-ID: <3A635A1E.3303ECA8@honeywell.com>
Source record: 9666

set the clock from the dumb terminal. then go back to your normanl operating mode. date will be 101 instead of 01. the rest will work.
mike aa7qa@qwest.net

Somchai LimphanUdom wrote:

> I'm a newcomer in digital.I worked with PC PakRatt lite ,dos software is
> included with PK-12 on VHF 2m. It doesn't pass y2k. Anyone can help me to
> find another program running on dos.
> 73...de
> --
> 'chai hs9ca@amsat.org

129. FS: Two PK-96 TNC's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 21:37:28 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <sar66t8hkce128jr13nrinptpheaq72rj7@4ax.com>
Source record: 9667
Cross-posted to: rec.radio.swap,rec.radio.amateur.digital.misc

```
For sale: Two AEA PK-96 dual speed TNC's.
Does 1200 and 9600 baud on the same radio.
One is 100% and the other hangs on initialization.
Includes 2 copies of the manual.

$140 for both shipped to lower 48. For more info send email to
ZZZjim_cronin@juno.comZZZ (remove leading and trailing ZZZ).

Thanks and 73,
Jim
N2VNO
```

130. aprs hf gateways

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 22:36:18 UTC
From: Spiros Xanthopoulos <sxanthop@the.forthnet.gr>
Message-ID: <979598220.731972@athnrd02.forthnet.gr>
Source record: 9669

Hi everyone,

Does anyone know where (if) are some HF gateways on APRS but on SSB mode? I want to setup such a gate but my rig (ICOM 730) does not support FM mode. So i need a SSB frequencie....Especially if its on 20 or 15m!

Please let me know if you know anything...

73's de SV2EVS

131. Re: RITTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 22:41:20 UTC
From: JT <nobody@nospam.edu>
Message-ID: <93vuag$63a@dispatch.concentric.net>
Source record: 9668

"Roger Basford" <Basford@btinternet.com> wrote in message
news:93ie89$5i$1@plutonium.btinternet.com...
>
> Richard Ferch <ve3iay@storm.ca> wrote in message
> news:93hp57$4j6$1@news.storm.ca...
> >
> > RITTY is the name of a DOS sound-card RTTY program written by K6STI.
You
> can
> > learn more about it at http://www.eham.net/reviews/detail/235.
>
> Sorry, but that's a dead link too, never mind!
> >

FWIW, that link is good and includes an email address for K6STI. I won't
post it here because of spam.

JT

132. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-15 22:50:39 UTC
From: JT <nobody@nospam.edu>
Message-ID: <93vurv$s6r@freepress.concentric.net>
Source record: 9670

"Gerald Schmitt" <kk5yy@arrl.net> wrote in message
news:3a607714.166602758@nntp.mindspring.com...
>
> Congratulations to W8FDV and W3SHY they garner the Digital
> Bozo of the week award for firing up right over the ARRL MFSK16
> Digital run.

Gerald,

I, too, heard what you're talking about.

However, in their defense:
- The digital run wasn't all that well publicized. They very well might not have known about it.
- W1AW didn't give any information at all during the run what they were doing.
- W1AW finished the 10W transmission without giving any indication that they would be back. The last thing they transmitted was something like "This is station W1AW SK". To me, that SK means end of transmission.

Yes, the 1W transmission was totally hosed. However, the frequency was apparently empty when these guys fired up. W1AW didn't transmit at all for something like 30 seconds in between the power levels. There were a few seconds of dead air after the SK and it was several seconds before W1AW fired up again at 1W. It's too bad these guys didn't hear W1AW come back on freq. and QSY, but they apparently didn't and, unfortunately, W1AW was down at 1W so it probably didn't QRM them at all.

IMO, W1AW should have transmitted at the end of each power level saying what they were testing and what power they were running. It should also have said that it would be back at the new power level in 15 seconds or whatever and should have transmitted at 100W before each transmission to make sure that stations that couldn't hear the low-power transmissions would know it was there.

Anyway, it was an interesting experiment and it's no surprise that W1AW got QRMed some on 20m and elsewhere.

JT

133. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 00:26:45 UTC
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
Message-ID: <%AM86.851$e5.2164328@news.ntplx.net>
Source record: 9671

JT <nobody@nospam.edu> wrote:

> Anyway, it was an interesting experiment and it's no surprise that W1AW
> got QRMed some on 20m and elsewhere.

Many factors can contribute to this sort of in-band interference. Even if W1AW had transmitted at the 1W level, the other stations may not have really noticed a very weak signal. Some digital reception can occur at signal levels difficult to detect by ear.

What will be most interesting is to note how many stations were able to copy the signal in the presence of strong QRM.

73,
Ed Hare, W1RFI

134. Re: aprs hf gateways

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 00:41:15 UTC
From: nielsen@WashingtonStateResident.oz.net
Message-ID: <9405bbbkl0@216.39.171.5>
Source record: 9672

I don't know the exact frequency, but most operate at the upper end of
30 meters. There are also some recently on 10 meters. You could ask
at aprssig@lists.tapr.org for more information.

de N7XY

On Tue, 16 Jan 2001 00:36:18 +0200, Spiros Xanthopoulos wrote:
>Hi everyone,
>
>Does anyone know where (if) are some HF gateways on APRS but on SSB mode? I
>want to setup such a gate but my rig (ICOM 730) does not support FM mode. So
>i need a SSB frequencie....Especially if its on 20 or 15m!
>
>Please let me know if you know anything...
>
>73's de SV2EVS
>
>

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen

135. TNC modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 07:20:57 UTC
From: John Galt <benm@cyberspace.org>
Message-ID: <3A63F659.2BAB@cyberspace.org>
Source record: 9673
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur,rec.radio.amateur.packet

Hi! I'm a newbie to packet, and I'm working on a project. I'm trying to get my HP48 calculator to remotely log onto my Linux computer to check my e-mail from anywhere within a 2 or 3 mile radius. I have everything set up except for the TNCs. Here's my problem. I need to set up both TNC's so that whatever I type gets sent to the serial port (ONLY what I type, nothing else), and ONLY what is received is printed on the screen. I'm using a KPC-3 and a KAM. I've turned Monitor mode On, and I typed in K to put it in CQ mode. Here's what I get:

#I want to send "123abc"

KI0PX>CQ: <UI>
123abc

The first line is what I want to get rid of. It's causing all sorts of problems, because the computer interprets everything literally. How could I set up the TNCs to do this? Anybody out there a Kantronics guru?

I hope my question makes sense. I basically want to use the TNC in its most basic form, but I don't know how to do that.
Thanks for the help and 73!
-Ben Moss, KI0PX
I hate to ask this, but it would be nice if you could reply to benm@cyberspace.org (I'm cross-posting, so I want to make sure I see all replies). Thanks!

136. Re: TNC modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 09:11:47 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn96842i.hcn.nomail@linux.pe1chl.ampr.org>
Source record: 9674
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur,rec.radio.amateur.packet

John Galt <benm@cyberspace.org> wrote:
>Hi! I'm a newbie to packet, and I'm working on a project. I'm trying
>to get my HP48 calculator to remotely log onto my Linux computer to
>check my e-mail from anywhere within a 2 or 3 mile radius. I have
>everything set up except for the TNCs. Here's my problem. I need to
>set up both TNC's so that whatever I type gets sent to the serial port
>(ONLY what I type, nothing else), and ONLY what is received is printed
>on the screen. I'm using a KPC-3 and a KAM. I've turned Monitor mode
>On, and I typed in K to put it in CQ mode. Here's what I get:

>#I want to send "123abc"

>KI0PX>CQ: <UI>
>123abc

>The first line is what I want to get rid of. It's causing all sorts of
>problems, because the computer interprets everything literally. How
>could I set up the TNCs to do this? Anybody out there a Kantronics
>guru?

THen you need to turn monitor mode off. That is what is printing the
traced packets.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

137. Re: WinPSK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 12:38:19 UTC
From: dpknight@compaq.com
Message-ID: <941fao$5u$1@mailint03.im.hou.compaq.com>
Source record: 9675

In article <t63nnij7s1ib9c@corp.supernews.com>, "J. Duffy Beischel" <duffyb01@fuse.net> wrote:
>I have used the original WinPSK for most of my PSK operating. However, when
>switching to the new dll version 2.0 the decoding seems to be rather poor.

What new dll version 2.0? The current version of PSKCore.DLL is still 1.09,
updated 12/24/00. Where did you get this "new" version?

Dave, ka1dt

138. Re: Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 14:22:17 UTC
From: w9vhe1@email.msn.com
Message-ID: <3a6458a4.71027871@netnews.msn.com>
Source record: 9676

Oops, it may not be in the November 92 issue - that was just from my memory. Anywho, it was part of an article by Brian Bergeron on voice control of an Icom radio. In a later issue, another gentleman modified the program for a Yaesu FT-747, which was exactly what we needed for a similar project for a now SK. It was on the ARRL BBS as "Bergeron.zip", don't know about the modificatons.

73 de w9vhe

On Mon, 15 Jan 2001 16:49:30 GMT, w9vhe1@email.msn.com (Outrider141) wrote:

>I use the software from the november 92 issue of QST modified for a
>Yaesu FT-747. If you think it will work, I can send you the BASIC
>source for it.
>
>On Fri, 12 Jan 2001 05:00:25 GMT, dputnick@alumni.caltech.edu (Don
>Putnick) wrote:
>
>>Does anyone know where I can find CAT software for the Yaesu FT-920?
>>No objection to commercial-ware. Or how about CAT source code that I
>>could modify for the 920? Thanks. don p

139. Re: Help: interface RadioShack HTX-252 to TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 14:35:18 UTC
From: William Robison <william-robison@uiowa.edu>
Message-ID: <3A645C26.7F2360DD@uiowa.edu>
Source record: 9677

Don Strom wrote:
>
> I need help to find the pin configuration on the mic connecter on the
> HTX-252 . The Radio Shake sit is no help. I have searched for other packet
> pages and I have found diagrams for other Radio Shack 2 meter transceivers
> but not for the HTX-252.
>
> Thank you
> Don in Jamestown NY.
Don:
Pin 1 is mic/PTT
Pin 8 is GND

Let me know how well it works for you.

reagards
-Willy
William Robison
KC0JFQ

140. Re: Re: Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 14:47:11 UTC
From: w9vhe1@email.msn.com
Message-ID: <3a645eda.72617703@netnews.msn.com>
Source record: 9678

Me again. August 1992, p. 35 was the actual issue.

On Tue, 16 Jan 2001 14:22:17 GMT, w9vhe1@email.msn.com (Outrider141)
wrote:

>Oops, it may not be in the November 92 issue - that was just from my
>memory. Anywho, it was part of an article by Brian Bergeron on voice
>control of an Icom radio. In a later issue, another gentleman
>modified the program for a Yaesu FT-747, which was exactly what we
>needed for a similar project for a now SK. It was on the ARRL BBS as
>"Bergeron.zip", don't know about the modificatons.
>
>73 de w9vhe
>
>On Mon, 15 Jan 2001 16:49:30 GMT, w9vhe1@email.msn.com (Outrider141)
>wrote:
>
>>I use the software from the november 92 issue of QST modified for a
>>Yaesu FT-747. If you think it will work, I can send you the BASIC
>>source for it.
>>
>>On Fri, 12 Jan 2001 05:00:25 GMT, dputnick@alumni.caltech.edu (Don
>>Putnick) wrote:
>>
>>>Does anyone know where I can find CAT software for the Yaesu FT-920?
>>>No objection to commercial-ware. Or how about CAT source code that I
>>>could modify for the 920? Thanks. don p

141. Re: Re: Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 14:49:13 UTC
From: w9vhe1@email.msn.com
Message-ID: <3a655f3a.72714182@netnews.msn.com>
Source record: 9679

The update was published in the Feb. 1993 QST, page 77.
Sorry for so many messages, but I got interrupted.

On Tue, 16 Jan 2001 14:22:17 GMT, w9vhe1@email.msn.com (Outrider141)
wrote:

>Oops, it may not be in the November 92 issue - that was just from my
>memory. Anywho, it was part of an article by Brian Bergeron on voice
>control of an Icom radio. In a later issue, another gentleman
>modified the program for a Yaesu FT-747, which was exactly what we
>needed for a similar project for a now SK. It was on the ARRL BBS as
>"Bergeron.zip", don't know about the modificatons.
>
>73 de w9vhe
>
>On Mon, 15 Jan 2001 16:49:30 GMT, w9vhe1@email.msn.com (Outrider141)
>wrote:
>
>>I use the software from the november 92 issue of QST modified for a
>>Yaesu FT-747. If you think it will work, I can send you the BASIC
>>source for it.
>>
>>On Fri, 12 Jan 2001 05:00:25 GMT, dputnick@alumni.caltech.edu (Don
>>Putnick) wrote:
>>
>>>Does anyone know where I can find CAT software for the Yaesu FT-920?
>>>No objection to commercial-ware. Or how about CAT source code that I
>>>could modify for the 920? Thanks. don p

142. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 15:19:49 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <GEZ86.3903$Oe.18414@tor-nn1.netcom.ca>
Source record: 9680

Give these guys a break.

First of all it is the ARRL who screwed up!!! The ARRL did not transmit on ANY of the published frequencies!! The ARRL forgot to take into account the frequency of the audio tone being fed into the SSB transmitter

On 20 meters for the MFSK test, The ARRL said they were going to transmit on 14.080. They DID NOT! They transmitted on 14.081.

You would have thought that the ARRL would NOT make this mistake. When the ARRL transmits is RTTY bulletins they do not make this mistake.

I know a LOT of Hams who missed the test or a good part of the 100 watt test due to this blunder of the ARRL.

Even if these guys knew about the test, they probably thought that they were okay since they were a good 1 Khz away!

Secondly, they might not even have heard the ARRL (even when it was transmitting at 100 watts) if they are TOO close to W1AW. (I rarely hear W1AW on 20).

73's
Rob

"Gerald Schmitt" <kk5yy@arrl.net> wrote in message
news:3a607714.166602758@nntp.mindspring.com...
>
> Congratulations to W8FDV and W3SHY they garner the Digital
> Bozo of the week award for firing up right over the ARRL MFSK16
> Digital run. How well did these old time experienced Extra Class
> operators do? Well they wiped out W1AW and were perfect copy
> so I'd say they hit the QRM right on the head. Congrats you two
> clowns get to share Digital Bozo of the Week.
>
> Try listening before transmitting old age and bad hearing don't
> excuse this one guys.

143. Re: TNC modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 15:34:21 UTC
From: John Galt <ssomneb@my-deja.com>
Message-ID: <941plt$p52$1@nnrp1.deja.com>
Source record: 9681
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur,rec.radio.amateur.packet

> THen you need to turn monitor mode off. That is what is printing the
> traced packets.

Yes, but if I do that, then I won't be able to hear the other station
that is transmitting! I need two computers to communicate to each
other *directly*, with nothing else. What the KAM gets from the
computer, it transmits on the air. What the KAM hears on the air, it
sends to the computer... nothing else.
Thanks anyway!
-Ben Moss
benm@cyberspace.org

Sent via Deja.com
http://www.deja.com/

144. help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 16:43:56 UTC
From: ik8pae <usn5832@uniserv.uniplan.it>
Message-ID: <3a6479a1.0@nt01.uniplan.it>
Source record: 9682

Does anyone knows where I can buy
(on line) in UK DE FR or USA
ic AD9850/AD9851 (dds) for VFO
in ham trx??
TIA es 73 de ik8pae Francesco.

145. Re: TNC modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 18:17:08 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn969414.hcn.nomail@linux.pe1chl.ampr.org>
Source record: 9683
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur,rec.radio.amateur.packet

John Galt <ssomneb@my-deja.com> wrote:

>> THen you need to turn monitor mode off. That is what is printing the
>> traced packets.

>Yes, but if I do that, then I won't be able to hear the other station
>that is transmitting! I need two computers to communicate to each
>other *directly*, with nothing else. What the KAM gets from the
>computer, it transmits on the air. What the KAM hears on the air, it
>sends to the computer... nothing else.

Then you must first use the CONNECT command from one of the ends.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

146. Re: WinPSK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 23:20:27 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t69lp8nc4h2p59@corp.supernews.com>
Source record: 9684

Then I am mistaken about the version. I must be thinking of another program's version number. The problem still exist in the dll version. If that computer was not off right now, I'd check. There is definately a difference between the original and the dll version as far as decoding.

"Dave Knight" <dpknight@compaq.com> wrote in message news:941fao$5u$1@mailint03.im.hou.compaq.com...
> In article <t63nnij7s1ib9c@corp.supernews.com>, "J. Duffy Beischel" <duffyb01@fuse.net> wrote:
> >I have used the original WinPSK for most of my PSK operating. However, when
> >switching to the new dll version 2.0 the decoding seems to be rather poor.
>
> What new dll version 2.0? The current version of PSKCore.DLL is still 1.09,
> updated 12/24/00. Where did you get this "new" version?
>
> Dave, ka1dt

147. Re: aprs hf gateways

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-16 23:35:17 UTC
From: "Richard H." <rh3x@erols.com>
Message-ID: <ujm96tsuv608uhhml1p7bk1e8ktjsvdoek@4ax.com>
Source record: 9685

HF aprs is on 10.151LSB 300baud 1600/1800 tones.

de Richard/N2JR
rh3x@erols.com

On Tue, 16 Jan 2001 00:36:18 +0200, "Spiros Xanthopoulos"
<sxanthop@the.forthnet.gr> wrote:

>Hi everyone,
>
>Does anyone know where (if) are some HF gateways on APRS but on SSB mode? I
>want to setup such a gate but my rig (ICOM 730) does not support FM mode. So
>i need a SSB frequencie....Especially if its on 20 or 15m!
>
>Please let me know if you know anything...
>
>73's de SV2EVS
>

148. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 00:18:24 UTC
From: rrlanders2@my-deja.com
Message-ID: <942oc8$m4p$1@nnrp1.deja.com>
Source record: 9686

Did W1AW even transmit MFSK16 on 30 meters ? I copied the 30 meter PSK transmission, but for MFSK16 I heard 2-3 start tones, but no MFSK16. Sounded like someone was having trouble.

Yes I did change frequencies for the MFSK16 transmission, 10.135 starting at 2118 13 Jan.

Rod

Sent via Deja.com
http://www.deja.com/

149. Re: WinPSK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 00:40:32 UTC
From: Glen Worstell <worstelg@earthlink.net>
Message-ID: <4S596.3676$KE.175557@newsread2.prod.itd.earthlink.net>
Source record: 9687

I have noticed this problem also. The author kindly sent an email indicating
that he did not know of any reason why the performance of the DLL version
would be lower.

Reluctantly I do not use any of the otherwise fine programs that use the
DLL.

I would be happy to help fix the problem if I could get the source code.

cheers,
Glen.
KG0T

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
news:t63nnij7s1ib9c@corp.supernews.com...
> I have used the original WinPSK for most of my PSK operating. However,
when
> switching to the new dll version 2.0 the decoding seems to be rather poor.
> Also other PSK programs built on the DLL do not seem to decode as well
> either. I am not the only one that seems to have noticed this either.
> Anyone else run into this? Anyone have an explanation on why this may be
> ocurring?
>
> Thanks,
>
> Duffy - WB8NUT
>
>

150. Re: WinPSK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 03:01:27 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t6a2nf16qpfa36@corp.supernews.com>
Source record: 9688

Glen,

I think the author has published the DLL since other programs use it. He may even give you a copy to see if you can improve it. I really like WinPSK, especially the updated version, but the DLL version does not decode worth a hoot. I used to think it was just my system until my friend WI0T mentioned the same thing. I told him I would post to the group to see if others noticed the same thing. Some of the mail I got confirmed we are not the only ones.

Regards,

Duffy
"Glen Worstell" <worstelg@earthlink.net> wrote in message
news:4S596.3676$KE.175557@newsread2.prod.itd.earthlink.net...
> I have noticed this problem also. The author kindly sent an email
indicating
> that he did not know of any reason why the performance of the DLL version
> would be lower.
>
> Reluctantly I do not use any of the otherwise fine programs that use the
> DLL.
>
> I would be happy to help fix the problem if I could get the source code.
>
> cheers,
> Glen.
> KG0T
>
> "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
> news:t63nnij7s1ib9c@corp.supernews.com...
> > I have used the original WinPSK for most of my PSK operating. However,
> when
> > switching to the new dll version 2.0 the decoding seems to be rather
poor.
> > Also other PSK programs built on the DLL do not seem to decode as well
> > either. I am not the only one that seems to have noticed this either.
> > Anyone else run into this? Anyone have an explanation on why this may
be
> > ocurring?
> >
> > Thanks,
> >
> > Duffy - WB8NUT
> >

> >
>
>

151. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 03:14:51 UTC
From: Richard Ferch <ve3iay@storm.ca>
Message-ID: <943301hps1@news.storm.ca>
Source record: 9689

<rrlanders2@my-deja.com> wrote in message
news:942oc8$m4p$1@nnrp1.deja.com...
> Did W1AW even transmit MFSK16 on 30 meters ? I copied the 30 meter
> PSK transmission, but for MFSK16 I heard 2-3 start tones, but no
> MFSK16. Sounded like someone was having trouble.
>
> Yes I did change frequencies for the MFSK16 transmission, 10.135
> starting at 2118 13 Jan.
>
> Rod
>
>
> Sent via Deja.com
> http://www.deja.com/

Yes, W1AW did transmit MFSK16 on 30m. Near-perfect copy here on 30m at all three power levels (almost no copy on 20m and 10m; 80m was pretty good, but not as good as 30m). The "idle" tone was at approximately 10134 kHz, and they were using LSB (i.e. the other tones were at lower RF frequencies).

Although this wasn't specified, in retrospect it is clear that the frequencies published in QST were the "suppressed carrier" or indicated frequencies on an SSB radio, assuming the audio frequency was at about 1000 Hz. USB was used for PSK31 (well, at least that's consistent with the observed frequencies on 30m and 80m; I never even detected W1AW on PSK31 on 20m and 10m, although I did manage some partial copy on MFSK16 on those bands), and for MFSK16, USB was used on 20m and 10m, LSB on 30m and 80m. A lot of unstated assumptions you were supposed to figure out as part of the exercise?

Re choice of sideband: the convention for HF FSK RTTY makes "space" the lower RF frequency, regardless of band (i.e. by convention LSB is used on AFSK on all bands). It would make equal sense for the convention for MFSK16 to stick to USB, making "idle" the lower RF frequency, regardless of band. However, ZL1BPU's documentation defines a different convention: "All MFSK operation is on USB above 10 MHz, and LSB below 10 MHz". W1AW chose not to follow either convention. The signal was strong enough here on 30m, and there was so little other activity on the band, that I found it easy to see what was happening and change sidebands to match. If the signal was weaker where you were, you might not have had such an easy time of it.

Re choice of audio frequency: the choice of 1000 Hz is purely for the operator's arithmetic convenience (it's easier to figure out the real RF frequency from the radio's indicated frequency using a round number audio frequency). If you are using wide (SSB) filters, there are technical reasons

to choose higher audio frequencies, so that the second audio harmonic is outside the radio's filter bandpass. And if your radio allows you to use narrow (CW) filters in SSB mode, of course you have to put your audio frequency inside the filter bandpass. On my radio, 1000 Hz is well outside the filter bandpass.

Re published frequency: on RTTY, the convention is to quote the "mark" frequency, not the AFSK suppressed carrier. In PSK31, the logical convention would be to state the unmodulated carrier frequency. And in MFSK16, the logical convention would be to state the idle tone frequency. Leave it up to the operator to add or subtract whatever audio frequency he or she is using, as appropriate, rather than making assumptions about the choice of audio tones.

Maybe the ARRL deliberately chose something different in order to make the exercise a bit more of a test. By doing so, however, they increased the likelihood of inadvertent QRM.

Rich, VE3IAY

152. Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 06:17:42 UTC
From: Brad Fisher <bradf52@eartlink.net>
Message-ID: <3A65369A.DB58F272@eartlink.net>
Source record: 9690

As previously reported on 10.131.86 mhz ... it seems to have moved to
10.128+ (USB) ... with that same 850hz shift. It's been on every night.
I can't seem to decode this broadcast ... and am hoping someone else
can help me understand what this is all about. Frankly, I'm surprised
there has not been some discussion about it.
--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

153. Re: Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 07:11:09 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A65458D.A6A59953@junglevision.com>
Source record: 9691

Brad Fisher wrote:
>
> As previously reported on 10.131.86 mhz ... it seems to have moved to
> 10.128+ (USB) ... with that same 850hz shift. It's been on every night.
> I can't seem to decode this broadcast ... and am hoping someone else
> can help me understand what this is all about. Frankly, I'm surprised
> there has not been some discussion about it.
> --

Oh, I'm sure this has come up before. I've just heard people refer
to it as 'THE teletype signal', and leave it at that. I've heard it,
I have no idea what it is.

154. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 12:57:20 UTC
From: rrlanders2@my-deja.com
Message-ID: <9444rdoeg1@nnrp1.deja.com>
Source record: 9692

In article <943301hps1@news.storm.ca>,
"Richard Ferch" <ve3iay@storm.ca> wrote:
>
> Yes, W1AW did transmit MFSK16 on 30m. Near-perfect copy here on 30m
at all
> three power levels (almost no copy on 20m and 10m; 80m was pretty
good, but
> not as good as 30m). The "idle" tone was at approximately 10134 kHz,
and
> they were using LSB (i.e. the other tones were at lower RF
frequencies).
>

Well that explains it, I'm almost 100% sure I left the radio in USB
after the PSK transmission and just tuned to 10.135.

If it had been RTTY, I would have switched to LSB...

Thanks for the info.

73, Rod

Sent via Deja.com
http://www.deja.com/

155. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 16:07:00 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <Xqj96.4277$Oe.19561@tor-nn1.netcom.ca>
Source record: 9693

Hi,

Well it does NOT make sense to use dial frequencies and an assumed 1000 Hz audio tone. You do not do this with RTTY etc.

Like RTTY, you do NOT know what audio tone is being used by the other station. To make matter worse, with ANY of the MFSK programs, the audio frequency could have changed due the AFC if you were monitoring some other MFSK station.

Unlike RTTY, the frequency of the audio tones are NOT fixed but change due to the AFC.

I know a lot of stations who missed copying the digital run on 30 meters since W1AW used LSB!! The OLD convention was to use USB on frequencies ABOVE 10 Mhz!! The ARRL did not do that.

Let's face it the ARRL messed up!! I hope the ARRL has the courage to admit it!!

By the way, Murray, ZL1BPU JUST changed the "convention". Now you should transmit MFSK with the idle tone being low!! That means transmitting using USB with STREAM.. OR you could transmit using LSB using HAMSCOPE with the LSB Invert Tones option!

You should NOT be thinking about whether USB or LSB should be used on MFSK but rather the orientation of the tones. You should transmit with the idle tone low!

But since some stations may be using USB with STREAM and other using LSB with the invert tones option using HAMSCOPE, the ONLY way to report the frequency is to report the frequency of the low idle tone.

The ARRL did NOT do this.

73
Rob

"Richard Ferch" <ve3iay@storm.ca> wrote in message
news:943301hps1@news.storm.ca...
>
> <rrlanders2@my-deja.com> wrote in message
> news:942oc8$m4p$1@nnrp1.deja.com...
> > Did W1AW even transmit MFSK16 on 30 meters ? I copied the 30 meter
> > PSK transmission, but for MFSK16 I heard 2-3 start tones, but no
> > MFSK16. Sounded like someone was having trouble.
> >
> > Yes I did change frequencies for the MFSK16 transmission, 10.135

> > starting at 2118 13 Jan.
> >
> > Rod
> >
> >
> > Sent via Deja.com
> > http://www.deja.com/
>
> Yes, W1AW did transmit MFSK16 on 30m. Near-perfect copy here on 30m at all
> three power levels (almost no copy on 20m and 10m; 80m was pretty good,
but
> not as good as 30m). The "idle" tone was at approximately 10134 kHz, and
> they were using LSB (i.e. the other tones were at lower RF frequencies).
>
> Although this wasn't specified, in retrospect it is clear that the
> frequencies published in QST were the "suppressed carrier" or indicated
> frequencies on an SSB radio, assuming the audio frequency was at about
1000
> Hz. USB was used for PSK31 (well, at least that's consistent with the
> observed frequencies on 30m and 80m; I never even detected W1AW on PSK31
on
> 20m and 10m, although I did manage some partial copy on MFSK16 on those
> bands), and for MFSK16, USB was used on 20m and 10m, LSB on 30m and 80m. A
> lot of unstated assumptions you were supposed to figure out as part of the
> exercise?
>
> Re choice of sideband: the convention for HF FSK RTTY makes "space" the
> lower RF frequency, regardless of band (i.e. by convention LSB is used on
> AFSK on all bands). It would make equal sense for the convention for
MFSK16
> to stick to USB, making "idle" the lower RF frequency, regardless of band.
> However, ZL1BPU's documentation defines a different convention: "All MFSK
> operation is on USB above 10 MHz, and LSB below 10 MHz". W1AW chose not to
> follow either convention. The signal was strong enough here on 30m, and
> there was so little other activity on the band, that I found it easy to
see
> what was happening and change sidebands to match. If the signal was weaker
> where you were, you might not have had such an easy time of it.
>
> Re choice of audio frequency: the choice of 1000 Hz is purely for the
> operator's arithmetic convenience (it's easier to figure out the real RF
> frequency from the radio's indicated frequency using a round number audio
> frequency). If you are using wide (SSB) filters, there are technical
reasons
> to choose higher audio frequencies, so that the second audio harmonic is
> outside the radio's filter bandpass. And if your radio allows you to use
> narrow (CW) filters in SSB mode, of course you have to put your audio
> frequency inside the filter bandpass. On my radio, 1000 Hz is well outside
> the filter bandpass.
>

> Re published frequency: on RTTY, the convention is to quote the "mark"
> frequency, not the AFSK suppressed carrier. In PSK31, the logical
convention
> would be to state the unmodulated carrier frequency. And in MFSK16, the
> logical convention would be to state the idle tone frequency. Leave it up
to
> the operator to add or subtract whatever audio frequency he or she is
using,
> as appropriate, rather than making assumptions about the choice of audio
> tones.
>
> Maybe the ARRL deliberately chose something different in order to make the
> exercise a bit more of a test. By doing so, however, they increased the
> likelihood of inadvertent QRM.
>
> Rich, VE3IAY
>
>
>
>

156. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 16:09:08 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <Vsj96.4278$Oe.19488@tor-nn1.netcom.ca>
Source record: 9694

It should be noted that the BPSK mode of PSK31 is sideband independent.

The ARRL could have also been transmitting PSK31 on 30 meters using LSB.
You cannot tell.

If you were using RTTY you could have also keep using USB but with LOW TONES
(like many Europeans).

73
Rob

<rrlanders2@my-deja.com> wrote in message
news:9444rdoeg1@nnrp1.deja.com...
> In article <943301hps1@news.storm.ca>,
> "Richard Ferch" <ve3iay@storm.ca> wrote:
> >
> > Yes, W1AW did transmit MFSK16 on 30m. Near-perfect copy here on 30m
> at all
> > three power levels (almost no copy on 20m and 10m; 80m was pretty
> good, but
> > not as good as 30m). The "idle" tone was at approximately 10134 kHz,
> and
> > they were using LSB (i.e. the other tones were at lower RF
> frequencies).
> >
>
> Well that explains it, I'm almost 100% sure I left the radio in USB
> after the PSK transmission and just tuned to 10.135.
>
> If it had been RTTY, I would have switched to LSB...
>
> Thanks for the info.
>
> 73, Rod
>
>
> Sent via Deja.com
> http://www.deja.com/

157. Re: Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 16:27:19 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <ZJj96.4284$Oe.19360@tor-nn1.netcom.ca>
Source record: 9695

If you post your question on digitalradio@egroups.com, you might get a
better response.

73
Rob

"Brad Fisher" <bradf52@eartlink.net> wrote in message
news:3A65369A.DB58F272@eartlink.net...
> As previously reported on 10.131.86 mhz ... it seems to have moved to
> 10.128+ (USB) ... with that same 850hz shift. It's been on every night.
> I can't seem to decode this broadcast ... and am hoping someone else
> can help me understand what this is all about. Frankly, I'm surprised
> there has not been some discussion about it.
> --
> -= Brad Fisher =- I'm just
> internet: bradf52@NOSPAMearthlink.net a
> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> UNIX guru!

158. Black list

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-17 20:19:32 UTC
From: Swann <swann@dromadaire.com>
Message-ID: <944uo1gjp1@front6m.grolier.fr>
Source record: 9696

Don't waste QSL and time and visit :

http://www.dromadaire.com/black-list/1

73's

159. Re: TNC modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-18 09:05:49 UTC
From: IanCT <thurston@earthling.nooooospammmmm.net>
Message-ID: <cjy96.1234$ed.398878@nntp2.onemain.com>
Source record: 9697
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur,rec.radio.amateur.packet

Once you connect to the Linux Station, it will see
*** CONNECTED to <callsign here>

Then you can type whatever you want and it will see it as you type it line
by line.

I'm was working on software that will interface with my home TNC via HF and
download my email to me while I'm on the road, but since I got the Nokia
Data Suite and PCS Dataconnect, I just connect using my laptop. Plus I can
surf the net from my vehicle on long trips (when my wife drives, of course)

Now I just write packet terminal software. Small hobby.

"John Galt" <ssomneb@my-deja.com> wrote in message
news:941plt$p52$1@nnrp1.deja.com...
>
> > THen you need to turn monitor mode off. That is what is printing the
> > traced packets.
>
> Yes, but if I do that, then I won't be able to hear the other station
> that is transmitting! I need two computers to communicate to each
> other *directly*, with nothing else. What the KAM gets from the
> computer, it transmits on the air. What the KAM hears on the air, it
> sends to the computer... nothing else.
> Thanks anyway!
> -Ben Moss
> benm@cyberspace.org
>
>
> Sent via Deja.com
> http://www.deja.com/

160. Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-18 18:18:05 UTC
From: Ari Kosonen <ak61563@uta.fi>
Message-ID: <947c0t$gk9$1@baker.cc.tut.fi>
Source record: 9698

In rec.radio.amateur.equipment Don Putnick <dputnick@alumni.caltech.edu> wrote:
> Does anyone know where I can find CAT software for the Yaesu FT-920?
> No objection to commercial-ware. Or how about CAT source code that I
> could modify for the 920? Thanks. don p

The Soft990 by F6DEX is available here: http://www.trx-manager.com/
The DOS-version seems to be freeware, despite the name it works
with FT-920, among others. Win-versions (TRX Manager, FT-manager)
are commercial, alhough limited demos are available.

Myself, I've just spent last night trying to figure out how the CAT of
FT-920 works. According to the manual it seems quite straightforward,
but still haven't got it working properely. Some commands work fine,
where as some requiring more than 1 parameter in addition to the
opcode are not. So, for the time being, I have a program that
can set SPLIT on or TUNE the antenna, but nothing else. :^)
I am doing this on Linux platform, as I could not find any
ready-made software for this OS. I'll keep on trying..

73 de Ari OH7KA / OH3KAV

161. What is PSK32??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-18 22:13:35 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3A676A8D.FD348AC8@ix.netcom.com>
Source record: 9699

Had an inquiry as to what's the difference between PSK31 and PSK32?

--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!

162. Re: What is PSK32??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-18 22:46:22 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10101182246360.28911-100000@exp.bde-arc.ampr.org>
Source record: 9700

On Thu, 18 Jan 2001, AC6V wrote:
> Had an inquiry as to what's the difference between PSK31 and PSK32?

+1?

In reality, I have no idea as to the difference between the protocols.

163. Re: What is PSK32??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 02:32:12 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <6HN96.4822$Oe.22331@tor-nn1.netcom.ca>
Source record: 9501

I have not heard of PSK32. Maybe you saw a typo.

But in STREAM by IZ8BLY, there are other MORE effective PSK modes namely
PSK63F and PSK125F. Both have FEC and are faster than PSK31 and best of all
they are easier to tune.

73
Rob

"AC6V" <ac6v@ix.netcom.com> wrote in message
news:3A676A8D.FD348AC8@ix.netcom.com...
> Had an inquiry as to what's the difference between PSK31 and PSK32?
>
> --
> 73 From Rod AC6V In San Diego
> 700 Ham Topics & 6,000 Links
> http://ac6v.com/
> I Doubt, Therefore I Might Be!!!
>
>

164. NEED HELP

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 03:40:50 UTC
From: zl2bmh <zl2bmh@free.net.nz>
Message-ID: <979875617.438505@news>
Source record: 9502

Hello All.

I need help with 'writelog' the log program. I would like it to be a 1on1 help. If somebody could find the time just to explain a few things I would be extremely happy.

Regards to you all.
Jim Irving (ZL2BMH)

165. FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 06:52:23 UTC
From: Stewart R Teaze <HORSESHOE7@prodigy.net>
Message-ID: <948o9h$4mg4$1@newssvr05-en0.news.prodigy.com>
Source record: 9503
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

The rapidly-expanding Family Radio Service has exposed millions of young people to the world
of radio communications. But now, where is a young kid to go who has is interested in experimenting
with radios and get more range than the typical 1/2 mile of FRS? MURS might help a bit(if Motorola doesn't
get their way), but you know that a growing mind is eventually going to want more than just this. GMRS
doesn't have the resources, and is not a service that was created to foster experimentation. Like it or not,
the typical young person ends up cutting his radio experimention teeth in the Citizen's Band service, because
there isn't a reasonable entry-level ham license for kids(it is even worse now after restructuring, what with the
elimination of the Novice Class).

Everyday now the USA is falling further and further behind Europe and Japan in the wireless communications
race. As hams, it is time we make an effort to insure that our young people are provided with the proper
environment, incentives, and role models to properly learn radio communications techniques and etiquette.
It is time for hams to stop complaining, step up to the plate, and take an active role in seeing that our bright,
young technical minds are being taught properly.

As a result of this, I have reworked the Communicator entry-level license proposal I submitted to the FCC last year,
and I will now be proposing a new entry-level Amateur Radio class known as the "Colt" class. I submit a draft
of the proposal for your review below. Please keep in mind that the future of American involvement in wireless
communications development depends on us to properly encourage and teach tomorrow's experimenters, operators,
technicians, and engineers...

****
Proposal to FCC to institute an introductory-level "Colt" license class in the Amateur Radio Service - REV A

In the late 1980's and early 1990's when the current Amateur Radio Service Technician Class license was conceived and implemented, it was
an appropriate alternate introductory license class. However, due to the recent elimination of the Novice Class license, and as a result of improving

technology; the Technician Class license no longer serves well as the only introductory license, as it is doing poorly in drawing young members into the Service. As a result of license restructuring, it is now actually harder for young people to obtain an Amateur license than it was before restructuring.

In this critical era of global competition, especially in the wireless communications arena, it is essential that we provide a means for properly educating our young people in RF communications operation and theory.

Today, technologies like the Family Radio Service, high-speed telephone & cable modems, the Internet, and inexpensive cellular telephones, have overshadowed the privileges of the Amateur Radio Service, and made the requirements for young beginners to obtain a Technician Class license out of date. Additionally, the Technician Class license has now evolved into a beginning and ending point for most modern day Amateurs, who are mostly interested in VHF/UHF communications, rather than HF communications. Incentive licensing has virtually been eliminated.

The need for a Service dedicated to the goal of teaching young radio users proper radio operation techniques and etiquette can clearly be seen in the disarray present on the 11 meter Citizen's Band Service frequencies. The fact is, the Citizen's Band has become the defacto introductory service for young people just beginning to learn to experiment with radio; yet the Citizen's Band is a very poor environment for young people to be learning in.

Therefore, it is recommended that a new "Colt Class" license be added to the Amateur Radio Service expressly to encourage young individuals to enter the Amateur Radio Service to improve their understanding of RF communications theory, provide a healthy learning environment, and encourage radio experimentation.

On the 70cm UHF band, Colt licensees would be restricted to voice communications on 5 simplex-only 20khz-spaced channels on 446.00, 446.02, 446.04, 446.06, and 446.08 Mhz; and digital communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel on 446.14Mhz.

On the 1.25m VHF band, Colt licensees would be restricted to voice communications on 5 simplex-only 20khz-spaced channels on 223.42, 223.44, 223.46, 223.48, and 223.50 Mhz; and digital communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel on 223.56Mhz.

To encourage experimentation/understanding of antenna and VHF/UHF RF propagation theory, Colt licensees would also be allowed to setup and/or operate through a VHF/UHF crossband, simplex user input/output, repeater station on two 20khz-bandwidth channels on 223.52Mhz and 446.10Mhz. This would allow them to setup an inexpensive repeater system by interconnecting the voice/mic connections via a resistive circuit on two simplex radios; and

would not require expensive, and difficult to understand, cavity and duplexer filtering at the repeater station site. User radio costs would be low, as they would only need a single simplex radio. As a result of the characteristics of this type of repeater, the repeater builders and users would learn to coordinate frequencies, and user groupings based on environmental conditions, so as to acheive optimal results.

Colt license users would also be subject to the following restrictions:

(1) Individuals applying for a Colt Class license must be under 19 years of age at the time of license application or renewal. The license is valid for 5 years.

(2) Fixed control station antennas will be no more than 6.1 meters (20 feet) above the ground or above the building or tree on which it is mounted.

(3) Transmissions limited to 5 watts ERP, or less.

The new license class would have the following goals:

1) Encourage more young people to enter the Amateur Radio Service, by providing an entry-level ARS license class that includes privileges allowing reliable short-range voice and data communications.

2) Not significantly impact existing users of the affected Amateur Radio Service frequency bands.

3) Encourage basic knowledge of radio, electronics, operating principles and etiquette among a wider segment of the general population.

4) Take advantage of the success of the Family Radio Service, and provide a path for those young users interested in further radio experimentation.

The Colt license exam would consist of 25 fairly simple questions. Emphasis would be put on understanding the existing operational, safety, etiquette and emergency questions from theTechnician Class question pool that relate specifically to Colt Class license privileges. All questions containing calculations would contain small integer(whole-number) input values and have relatively small integer results. Colt licensees would be required to have a general understanding of Ohm's Law and Power relations. They should be required to have a general understanding of how antenna length relates to wavelength; and have a knowledge of transmitter power, antenna gain, transmission line loss, and the ability to perform a simple ERP calculation would be required. General knowledge of simple resistive circuits, and their power dissipation, would be required. Knowledge of capacitors and inductors would not be required.

Stewart Teaze - N0MHS

166. Responding to "Colt" License Proposal?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 11:24:08 UTC
From: qrm2000@aol.com
Message-ID: <20010119062408.13114.00000137@ng-mh1.aol.com>
Source record: 9504

If you respond to the Colt License Proposal thread, please drop alt.radio.family from the header. The majority of FRS users are simply American families using these low-powered radios as short-range "intercoms". They are not radio hobbists. Thanks.

167. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 13:40:51 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <t6ggvbjn6da91c@corp.supernews.com>
Source record: 9505
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

"Stewart R Teaze" <HORSESHOE7@prodigy.net> wrote in message
news:948o9h$4mg4$1@newssvr05-en0.news.prodigy.com...
> Like it or not,
> the typical young person ends up cutting his radio experimention teeth in
> the Citizen's Band service, because
> there isn't a reasonable entry-level ham license for kids(it is even worse
> now after restructuring, what with the
> elimination of the Novice Class).

The Technician Class license is so easy to get now it's not even funny. You sure you are not being a little jaded in your view when you think every kid wants to work DX on H.F., hence starting out on CB Radio shooting skip?

--
Leland C. Scott
KC8LDO

168. PCMCIA sound card for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-19 18:31:30 UTC
From: Al Woodhull <aswNS@helios.hampshire.edu>
Message-ID: <3a6892aa.0@news.hampshire.edu>
Source record: 9506

I have a four year old laptop computer I don't use much these days. I think it has enough processor power to be useful for sound-card based digital modes. But, I have never seen a PCMCIA sound card. For my intended purpose a card would obviously have to work with standard (Soundblaster compatible) software.

Do such devices exist, and if so does anyone have recommendations? For that matter does anyone have one for sale?

73, Al N1AW

--
+----------------------------------+
| Albert S. Woodhull |
| Hampshire College, Amherst, MA |
| awoodhull@hampshire.edu |
| http://minix1.hampshire.edu/asw/ |
+----------------------------------+
94.3% of all statistics are made up on the spot

169. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 01:14:01 UTC
From: Bruce Muscolino <w6toy@erols.com>
Message-ID: <3A68E659.FF81A08B@erols.com>
Source record: 9507
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Stewart,

The idea has already been tried. Back about 15 or 20 years the Dutch instituted a license class for beginners. It consisted of about 5 frequencies in the two meter band. Licenses required only a simple test. No code. It was hoped that these Novices would upgrade and become regular licensees. As for as I know none ever did. The service still exists, I believe.

If you want to have youngsters or oldsters learn about radio the best way is the old Novice license. % wpm code, a simple theory test, and a one or two year limit within which they HAVE to upgrade!

73

170. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 02:04:27 UTC
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
Message-ID: <%n6a6.1022$e5.2525222@news.ntplx.net>
Source record: 9508

Rob <Pse@NoEmail.Com> wrote:

> I know a lot of stations who missed copying the digital run on 30 meters
> since W1AW used LSB!! The OLD convention was to use USB on frequencies
> ABOVE 10 Mhz!! The ARRL did not do that.

> Let's face it the ARRL messed up!! I hope the ARRL has the courage to
admit
> it!!

I am going to forward all of this thread to the W1AW staff.

73,
Ed Hare, W1RFI
ARRL Lab

171. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 11:53:48 UTC
From: Bruce Muscolino <w6toy@erols.com>
Message-ID: <3A697C4C.943281BF@erols.com>
Source record: 9509
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Stewart,

The Netherlands implemented a license class very close to what you propose back about 1985 or so. A communicators license intended to bring the Citizens Band under control. About 5 frequencies were set aside in the two meter band for users. A ham license was granted with no code and only a simple theory test, about adequate to determine if the on light was on! People flocked to get in on the simple ham license. The government hoped if they were really interested they would upgrade, and if they weren't they could still take advantage of the thrill of communication and not bother the others. Holland requires evidence of a ham license before you can buy a ham radio,

The result? Almost no upgrades. Those who got into it stayed there. IS that what you want for our kids?

73

Stewart R Teaze wrote:
>
> The rapidly-expanding Family Radio Service has exposed millions of young
> people to the world
> of radio communications.

172. Setup Packet link between Martinique and Santa-Lucia

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 12:21:53 UTC
From: pascal@topette.fr
Message-ID: <3a69816c.907189@news.wanadoo.fr>
Source record: 9510

Hello,

I am actually living in Martinique (FWI) and I would like to link to
the packet network of the Santa-Lucia Island.

I am seeking for informations to help me not to reinvent the wheel and
give me a good probability of succes !

Best regards
73

F1UZE
Pascal Levasseur
pascal@topette.com

173. Re: Digital Bozos

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 14:35:01 UTC
From: Richard Ferch <ve3iay@storm.ca>
Message-ID: <94c7m8dbe1@news.storm.ca>
Source record: 9511

"Richard Ferch" <ve3iay@storm.ca> wrote in message
news:943301hps1@news.storm.ca...
>
>
> Re choice of sideband: the convention for HF FSK RTTY makes "space" the
> lower RF frequency, regardless of band (i.e. by convention LSB is used on
> AFSK on all bands). It would make equal sense for the convention for
MFSK16
> to stick to USB, making "idle" the lower RF frequency, regardless of band.
> However, ZL1BPU's documentation defines a different convention: "All MFSK
> operation is on USB above 10 MHz, and LSB below 10 MHz". W1AW chose not to
> follow either convention.

Just a follow up to my previous post: LSB has often been used on MFSK below
10 MHZ (i.e. on 40m and 80m). However, ZL1BPU and IZ8BLY are now
recommending the use of USB on all bands. To quote from Murray's MFSK web
site:

"MFSK is sideband dependent, so the signal MUST be transmitted using the
correct sideband. All MFSK operation is on USB, i.e. the idle tone is always
the lowest frequency tone. (Note - during the development phase LSB was
suggested for lower bands - forget it!) In this document and in all
references to MFSK8/16 frequencies are quoted as the Idle Carrier Frequency
(the lowest audio tone)."

Rich, VE3IAY

174. discriminator in Alinco DR-599

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 16:09:58 UTC
From: Dominique Buerger <zulux@gmx.net>
Message-ID: <3A69B856.3DF4A9B0@gmx.net>
Source record: 9512
Cross-posted to: rec.radio.amateur.misc,aus.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

```
-----BEGIN PGP SIGNED MESSAGE-----

hi...

I am looking for description,where to find the
discriminator output in the ALINCO DR-599.

I want to do 9k6 Packetradio and so I need the
discriminator output for the VHF and UHF part.

Many thanks in advance...

DG6SDB from Germany....

- --

greets... zulux@gmx.net

- ------------------------------------------------
PGP-PublicKeys at http://home.datacomm.ch/~zulux/
- ------------------------------------------------

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.8 for non-commercial use <http://www.pgp.com>

iQEVAwUBOmmqQCHsiWzJxAXvAQGoCQgAzIjQwg1CaYtoAIfFK+FKijKqHMClMhoO
DVYznDWxoeaPQ2I4IfbnahVp6XGUeOWtLw2FpWtUmXstL4DAGv/58AjnxkzJI2up
now7gdixrf3tZ0g/LhmS2l1wXubIn20Af2mq/7OBmuK8MaLaT1L1JrGDrj25MVAa
VM4dShbKzcKKuz7Dt2agBoO54HCs6jN6Ru3azYaSNOe1oSWnCQ1aj+OszpGFe7br
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caXp23ecJmfKK33k4degz8qAwSxZmnz7U1hACX6zysbCD/Dro14fXQ==
=xpKy
-----END PGP SIGNATURE-----
```

175. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 19:44:47 UTC
From: Anita Andringa <a.andringa@rhayward.demon.nl>
Message-ID: <980020018.29474.0.pluto.d4ee2a65@news.demon.nl>
Source record: 9513
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

The information you had access to may have been stale, and never was
entirely accurate.
The class-D license did in fact give you 6 channels. You had to upgrade
within two years. THe upgrade requirement was later dropped.
After a short while the examination level was graded up quite considerably.
The license class was changed accordingly and now gives you a CW subband, an
SSB subband and an FM subband on 2 meters and on 70 centimeters.
The D-callsigns were assigned alphabetically, starting with pd0aab, then
aac, aad etc.
If you look in the callbook, you will notice that there are not many left
over. Many of the "old" names are now found under the A or C class entries
nowl
To recap: Dutch A-class is "everything" (hf, vhf and up, all modes) and
requires morse code and electronics theory. C-class is VHF and up, all
modes, requires same theory but no morse code. N-class replaces D-class (N
for Novice) and requires limited theory, gives acces to Novice subbands on
2m and 70cm.
No-code on HF has never existed in Holland, but we all know the rumours..
just have to see what happens now.

have a good one,

Rudolf

Bruce Muscolino <w6toy@erols.com> schreef in berichtnieuws
3A697C4C.943281BF@erols.com...
> Stewart,
>
> The Netherlands implemented a license class very close to what you
> propose back about 1985 or so. (...)

176. packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-20 20:33:39 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a6abc40@news.takas.lt>
Source record: 9523

hi to all people in this newgroup!
i have one question to you.
could you give some links regarding packet radio systems?
i would like to make one for myself.
thx

177. Re: Setup Packet link between Martinique and Santa-Lucia

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 02:44:21 UTC
From: gervais <gfillio1@globetrotter.qc.ca>
Message-ID: <23ta6.3959$ZH.72178@news.globetrotter.net>
Source record: 9514

salut pascal,
quels genres de liens tu veux monter?
un lien avec des nodes rf?

gervais
ve2ckn

178. Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 10:18:32 UTC
From: Mike O'Sullivan <mike@barnaby0.demon.co.uk>
Message-ID: <980072221.4309.2.nnrp-10.c1ed6aae@news.demon.co.uk>
Source record: 9515
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

The Gramophone carried a review of this £300 tuner. This is considerably cheaper than previous digital tuners. Has anybody had any experience of this model?

Also, I don't know much about digital radio reception. . I use a FUBA roof-mounted aerial with a Stolle rotator so I have good analogue reception, with a choice of three transmitters. Is a strong analogue signal likely to have a negative impact on digital reception? With digital TV, a too strong analogue signal can severely degrade the quality of the digital picture. Is this also true of radio?

Thanks
Mike

179. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 15:06:09 UTC
From: Klaus Kramer <DL4KCK@t-online.de>
Message-ID: <3A6AFAE1.4B290CFA@t-online.de>
Source record: 9516

Brad Fisher schrieb:
>
> Been on the last few nights on 10.131.86 mhz ... looks like rtty with
> a 850 hz shift and a mark of 1435 hz. But I cannot decode it with
> the mmtty program.
>
> 599 signal ... anybody know what it is?
>
> --
> -= Brad Fisher =- I'm just
> internet: bradf52@NOSPAMearthlink.net a
> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> UNIX guru!

Hello,

maybe you spotted an SSTV (Slowscan TV) signal having 1500 Hz for black
pixels and 2300 Hz for white pixels (sort of).

vy 73 Klaus, DL4KCK

180. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 15:19:03 UTC
From: Chris Bidmead <bidmead@UCEFREEcix.co.uk>
Message-ID: <3A6AFDE7.57881FE5@UCEFREEcix.co.uk>
Source record: 9517
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

Mike O'Sullivan wrote:
>
> The Gramophone carried a review of this ï¿½300 tuner. This is considerably
> cheaper than previous digital tuners. Has anybody had any experience of this
> model?

I've had one here on test since just before Christmas. I think it's
excellent, and given the current state of the DAB market, great value
for money.

> Also, I don't know much about digital radio reception. . I use a FUBA
> roof-mounted aerial with a Stolle rotator so I have good analogue reception,
> with a choice of three transmitters.

I'm using the "wet-string" aerial supplied with the kit. :-)

> Is a strong analogue signal likely to
> have a negative impact on digital reception? With digital TV, a too strong
> analogue signal can severely degrade the quality of the digital picture. Is
> this also true of radio?

Very much doubt it, if my (limited) technical knowledge of the subject
is anywhere near accurate. If you're near a transmitter, or
transmitters (multipath reception is essentially no problem with DAB)
you should be able to tune in a full-quality signal with a wire
coathanger. In fringe areas you may need a band III type room, loft or
roof aerial.

--
el bid

181. Using MMTTY as a KAM TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 16:36:17 UTC
From: jflanders2@home.com
Message-ID: <3a6b0b48.824016339@news>
Source record: 9518
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.digital

Need help - I can't get KAM emulation working with MMTTY.

DETAILS:

The excellent design of MMTTY has provided for the use of it's RTTY decoder algorithms as an external modem. Two modem types are provided for in the stock MMTTY - the KAM and a TNC241.

I have MMTTY running OK and am trying to use its KAM emulation on a second computer while the first computer is running WriteLog. I have the computers connected properly, and can read the MMTTY's KAM ack signals on a copy of Hyperterminal running on the WL computer, so I know my cable, both ports, and MMTTY are working OK.

When I tell WL that a KAM is on this port, it tries to initialize the KAM and put the KAM in "host" mode. WL fails at this and then cannot seem to communicate with the "KAM" at all.

Perhaps MMTTY's KAM emulation is only partial? How can I get it working?

Sure would be nice if MMTTY also provided a "dumb terminal" mode which simply passes along the baudot.

Jerry W4UK

182. Re: voice over internet links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 19:50:56 UTC
From: "K S O F (The Famous!!)" <NOjmackeySPAM@parg.org>
Message-ID: <94feh409cj@news1.newsguy.com>
Source record: 9519

Paul -

Many amateurs use I-Phone (made by VocalTec) to access repeaters over
the internet. Personally, I have a repeater in Sioux City, Iowa that I
access
over the internet from Oregon almost daily. The locals usually don't
realize that I am not local on the UHF repeater RF coverage.

Paul Lantz <plantz@onlink.net> wrote
> Are there any voice mode links that use the internet, e.g. a 2m repeater
> that is accessed for voice?
>
> I dont have access to a repeater where I live -- curious to see if other
> remote amateurs have done anything to use internet to get voice access to
> repeaters, etc.

183. Re: Black list

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 20:57:00 UTC
From: lak <lak@radioland.net>
Message-ID: <eEX3Zw#gAHA.291@cpmsnbbsa09>
Source record: 9520

Hate to be too picky but, you might want run a spell checker on the site. HI
HI

73,
lak

"Swann" <swann@dromadaire.com> wrote in message
news:944uo1gjp1@front6m.grolier.fr...
> Don't waste QSL and time and visit :
>
> http://www.dromadaire.com/black-list/1
>
> 73's
>
>
>
>

184. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 22:10:40 UTC
From: Graham <graham.moreton@btinternet.com>
Message-ID: <94fmpr$m13$1@plutonium.btinternet.com>
Source record: 9521
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

Mike

The strength of your analogue signal should have no effect on your DAB reception.

The problem with television is that analogue and digital tv are close together in the same frequency band. DAB is in Band3 (230 MHz approx, whereas FM is in Band 2 (100 MHz approx) i.e. completely different frequency bands. So no problem.

Your Band2 FM antenna will not be tuned for DAB in Band 3. An outdoor antenna is usually not needed for DAB. DAB can work with a very simple wire indoor antenna.

Regards

Graham Moreton

185. News HAM Site :

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-21 22:43:10 UTC
From: Pierrot <pierre.grand7@libertysurf.fr>
Message-ID: <94fonbvqn1@news5.isdnet.net>
Source record: 9522

News HAM Site :
on this URL :
www.pierregrand.fr.st

good visit Bye

Vy's 73 de Pierre - F1LED - France

186. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 01:43:48 UTC
From: TomR@astro.net
Message-ID: <3a6b900d.44752605@news.idsi.net>
Source record: 9524

On Sat, 20 Jan 2001 20:33:39 -0000, "[Syst3M]" <Syst3m@xxx.lt> wrote:

>hi to all people in this newgroup!
>i have one question to you.
>could you give some links regarding packet radio systems?
>i would like to make one for myself.
>thx

http://www.tapr.org/

Tom - KB2SMS

187. Paccomm pactor controller pinout

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 01:54:26 UTC
From: George Cortez <k2jen@frontiernet.net>
Message-ID: <94g3th$1080$1@node17.cwnet.frontiernet.net>
Source record: 9525

Hi
Looking for the pinout to this tnc for
the controller to radio interface.
I believe it is called the ptc 1

Thanks
George Cortez KG2DB

188. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 03:26:06 UTC
From: Radioguy <radioguy@snet.net>
Message-ID: <3A6BA84E.4040909@snet.net>
Source record: 9526

Klaus Kramer wrote:

> Brad Fisher schrieb:
>
>> Been on the last few nights on 10.131.86 mhz ... looks like rtty with
>> a 850 hz shift and a mark of 1435 hz. But I cannot decode it with
>> the mmtty program.
>>
>> 599 signal ... anybody know what it is?
>>
>> --
>> -= Brad Fisher =- I'm just
>> internet: bradf52@NOSPAMearthlink.net a
>> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
>> UNIX guru!
>
>
> Hello,
>
> maybe you spotted an SSTV (Slowscan TV) signal having 1500 Hz for black
> pixels and 2300 Hz for white pixels (sort of).
>
> vy 73 Klaus, DL4KCK

Amateur SSTV is not legal on this band by US hams. I just went up for a
listen. It does sound like a RTTY type station. I didn't try to decode
it, but very little RTTY is sent in the clear anymore from my casual
observations. Satellite technology has taken a lot of old commercial
RTTY off of short-wave.
Pete

>

189. printer problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 05:16:20 UTC
From: zl2bmh <zl2bmh@free.net.nz>
Message-ID: <980139642.100853@news>
Source record: 9527

Hello all.

I am having trouble with my Samsung dot-matrix sp2412 printer. I was downloading today on one of the PSK software when halfway through the printing the paper got into a mess and I had to close all down. After fixing it, I went to the page where the trouble had started and tried printing again. It was very disappointing to see the printing go back to page 1 again of 90 sheets.

If someone could help I'd be really pleased.

Jim (ZL2BMH)

190. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 09:11:11 UTC
From: Mike O'Sullivan <mike@barnaby0.demon.co.uk>
Message-ID: <980186659.28607.0.nnrp-02.c1ed6aae@news.demon.co.uk>
Source record: 9530
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

That's very helpful, thanks very much for the info.

Mike

"Graham" <graham.moreton@btinternet.com> wrote in message
news:94fmpr$m13$1@plutonium.btinternet.com...
> Mike
>
> The strength of your analogue signal should have no effect on your DAB
> reception.
>
> The problem with television is that analogue and digital tv are close
> together in the same frequency band. DAB is in Band3 (230 MHz approx,
> whereas FM is in Band 2 (100 MHz approx) i.e. completely different
frequency
> bands. So no problem.
>
> Your Band2 FM antenna will not be tuned for DAB in Band 3. An outdoor
> antenna is usually not needed for DAB. DAB can work with a very simple
wire
> indoor antenna.
>
> Regards
>
> Graham Moreton
>
>
>
>

191. Mac Software for Hams

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 10:11:30 UTC
From: wd1v@amsat.org
Message-ID: <wd1v-2201010511320001@wdonev.ne.mediaone.net>
Source record: 9528

Macnet is the WW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

We stay in touch with each other via Radio, Internet, Telephone, and
actual visits.

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

To join Macnet, send YOUR STATS to mailto:wd1v@amsat.org and access

* Macnet Member Listing - as the name implies, its "The List" of all of
the hams in the world that are using Macs with their radios. In ZIP CODE
order so you can see your neighbors and get together easily.
http://wdonev.ne.mediaone.net/homepage/Macnet2001.html

* Macnet Ham Radio Software Listing - "The List" of the latest - much of
it with FTP links so what you see is what you can get with just a click.
http://wdonev.ne.mediaone.net/homepage/Page7.html

* Macnet Software Collections
ftp://ftp.qsl.net/pub/wd1v/
http://www.qrz.com/download/mac/index.html

* For latest Mac versions of the already cool...
http://www.versiontracker.com/

73!

John Seney, WD1V [FN42]
Macnet FISTS #5014 NEWS
QRP ARCI 10345 NE 553
K2 1388
~.
@ ^\ % Aerocycle
.^.\--/.^. 2001
`-' `-'
http://www.qsl.net/wd1v

192. Pac-Comm 320 TNC startup for Winpack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 10:58:06 UTC
From: Mike Barnes <ZL3TMB@ihug.co.nz>
Message-ID: <3A6C123E.9F4BAAA9@ihug.co.nz>
Source record: 9529

Hi all

I'm looking for startup.txt file used in winpack to configure a
Pac-comm 320 TNC
Please help

73
Mike

Mike Barnes Amateur radio call sign.... ZL3TMB

Email address:- mailto:zl3tmb@ihug.co.nz
My Home Page:- http://homepages.ihug.co.nz/~Sbarnes
Postal Address:- PO Box 218, Christchurch, 8015
Mobile Phone:- +64-21-679-479...GSM Digital...New Zealand
Mobile Fax:- +64-21-218-4479..GSM Digital...New Zealand
---

193. Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 17:23:27 UTC
From: Paul Scrivens <Paul.Scrivens@freeuk.com>
Message-ID: <QTxb6.194689$eT4.17058543@nnrp3.clara.net>
Source record: 9467

Hi, I am totally new to the world of Amateur radio and would like to experiment with digital data, such as NAVTEX and Weather charts. I would be using programs like, JVFax, JVCOMM, HAMCOMM, RadioRaft and Sky Spy.

First I need a receiver. As I will be doing a lot of interfacing with the PC I though the ICOM PCR-1000 would be a good start. Has anyone here got this receiver or know if it will be a good receiver for my needs.

Also where would I get good info on amateur radio for beginners? Is there any web sites dedicated to the topics?

Thanks for your help

Paul Scrivens

194. Re: Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 17:58:36 UTC
From: Brad Fisher P70142 <p70142@email.mot.com>
Message-ID: <3A6C74CC.52C3F786@email.mot.com>
Source record: 9531

Seeing that it is within the 30 meter amateur radio band, I felt
this would be an appropriate forum. I guess either everyone else
already knows what it is or doesn't care!

Rob wrote:
>
> If you post your question on digitalradio@egroups.com, you might get a
> better response.
>
> 73
> Rob
>
> "Brad Fisher" <bradf52@NOSPAMeartlink.net> wrote in message
> news:3A65369A.DB58F272@eartlink.net...
> > As previously reported on 10.131.86 mhz ... it seems to have moved to
> > 10.128+ (USB) ... with that same 850hz shift. It's been on every night.
> > I can't seem to decode this broadcast ... and am hoping someone else
> > can help me understand what this is all about. Frankly, I'm surprised
> > there has not been some discussion about it.
> > --
> > -= Brad Fisher =- I'm just
> > internet: bradf52@NOSPAMearthlink.net a
> > packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> > UNIX guru!

--
Bradley W. Fisher, N7XSS

195. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 18:07:46 UTC
From: Brad Fisher P70142 <p70142@email.mot.com>
Message-ID: <3A6C76F2.5516C6D6@email.mot.com>
Source record: 9532

Correct ... it was NOT SSTV ... I know the difference. It's
definately RTTY with a 850hz shift (aren't waterfall displays
nifty?). I've tried upper and lower SSB, the signal is VERY
strongly received here in AZ, but I have not been able to
decode the signal.

I'll take another look tonite and see if it's there again.

Radioguy wrote:
>
> Klaus Kramer wrote:
>
> > Brad Fisher schrieb:
> >
> >> Been on the last few nights on 10.131.86 mhz ... looks like rtty
> >> with
> >> a 850 hz shift and a mark of 1435 hz. But I cannot decode it with
> >> the mmtty program.
> >> 599 signal ... anybody know what it is?
> >> --
> >> -= Brad Fisher =- I'm just
> >> internet: bradf52@NOSPAMearthlink.net a
> >> packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
> >> UNIX guru!
> >>
> > Hello,
> > maybe you spotted an SSTV (Slowscan TV) signal having 1500 Hz for
> > black
> > pixels and 2300 Hz for white pixels (sort of).
> > vy 73 Klaus, DL4KCK
> >
>
> Amateur SSTV is not legal on this band by US hams. I just went up for
> a listen. It does sound like a RTTY type station. I didn't try to
> decode it, but very little RTTY is sent in the clear anymore from my
> casual observations. Satellite technology has taken a lot of old
> commercial RTTY off of short-wave.
> Pete

--
Bradley W. Fisher, N7XSS

196. Radiosets history is needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 18:38:06 UTC
From: carlos.mascarenas@uca.es
Message-ID: <94i20a$456$2@mercurio.cica.es>
Source record: 9534

Hi to all:

We are making a Radionavigational and Radiocommunication Museum at the
Facultad de Ciencias N&#65533;uticas at C&#65533;diz University.

We have a group of radiosets without historical references and we desire joint

it near the radio apparatus for info to the visitors.

Could you help us?. I think that those sets could be of the 60's decade.

Navigation Echo-Sounder type 846V V M
Directional radiotelephone Trevin T15
Radiotelephone MF Sailor T122
Decca Navigator MK12
Radiotelephone and Consol receiver Phillips 27RR50
Weather fax receiver Koden (with fix channel-switches)
Radiotelegraphic Autoalarm 500 kHz AA4.
MF Radiotelephone MTR102ZA

And the "new" sets:
VHF Radiobeacon receiver Koden KS5150
Echo sounder Seafarer 4
Graphic and echo sounder Viking Marine DR200

All help will be wellcome and the helpers will be announced at the explanation

of each set.

Please contact directly with me.

Best regards.

Carlos Mascare&#65533;as

Prof. Dr. D. Carlos Mascare&#65533;as y P&#65533;rez-I&#65533;igo

Departamento de Ciencias y T&#65533;cnicas de la Navegaci&#65533;n, M&#65533;quinas y Motores T&#65533;rmicos y
Teor&#65533;a de la Se&#65533;al y Comunicaciones de la Universidad de C&#65533;diz.

Centro Andaluz Superior de Estudios Marinos.
Campus R&#65533;o San Pedro. 11510. Puerto Real. C&#65533;diz. Espa&#65533;a.

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Telefax Departamento: +34 (9)56 016139
M&#65533;vil: 617 934451
E-mail: carlos.mascarenas@uca.es
Call Sign: EA7GWJ

197. Re: Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 19:01:34 UTC
From: haynes@alumni.uark.edu
Message-ID: <is%a6.141$wh1.12241@newsread2.prod.itd.earthlink.net>
Source record: 9533

In article <3A6C74CC.52C3F786@email.mot.com>,
Brad Fisher P70142 <p70142@email.mot.com> wrote:
>Seeing that it is within the 30 meter amateur radio band, I felt
>this would be an appropriate forum. I guess either everyone else
>already knows what it is or doesn't care!
>
Can't speak for everyone else, but the signal analysis function of the
PK-232 can't really make up its mind about it, so I've always assumed
it is commercial or military encrypted or encoded in some manner that
the usual demodulators can't deal with.

198. Re: Seriously! - What"s with this RTTY signal???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 19:34:52 UTC
From: Brad Fisher P70142 <p70142@email.mot.com>
Message-ID: <3A6C8B5C.B5BFF7E1@email.mot.com>
Source record: 9535

I just got some other email saying the same thing basically.
30 meters is shared use and this is probably a gov station.

I've always just used cw on this band until playing with
the digital soundcard modes recently, so I just never noticed it.

Thanks for the response!

Jim Haynes wrote:
>
> Can't speak for everyone else, but the signal analysis function of the
> PK-232 can't really make up its mind about it, so I've always assumed
> it is commercial or military encrypted or encoded in some manner that
> the usual demodulators can't deal with.

--
Bradley W. Fisher, N7XSS

199. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 20:36:22 UTC
From: "Paul R. Stoetzer, N8HM" <N8HM@arrl.net>
Message-ID: <fP0b6.84$b7.121951@nntp1.onemain.com>
Source record: 9536
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

There are several problems with this proposal:

1. As a 15 year old, I can tell you that the most interesting thing of ham radio is DX, not short range VHF communications.
2. This proposal would isolate the newbies, if there are not any other recent "Colt" licensees around, they would quickly grow bored and would not upgrade. Chatting with people who have been around a while and who are talking about the Walk-a-Thon or picnic the local club is involved in or the great conditions on the HF bands today.
3. The Tech license is already extremely easy to get. I got my Tech just over a year ago and it took about a week to study enough to pass the test, and that was with 55 questions on two tests, not 35.

While I agree more young people are needed in the hobby, the problem is not the license structure, which I believe to be perfect, it is the PR deficencies.

73,
Paul
N8HM
"Stewart R Teaze" <HORSESHOE7@prodigy.net> wrote in message news:948o9h$4mg4$1@newssvr05-en0.news.prodigy.com...
> The rapidly-expanding Family Radio Service has exposed millions of young
> people to the world
> of radio communications. But now, where is a young kid to go who has is
> interested in experimenting
> with radios and get more range than the typical 1/2 mile of FRS? MURS
might
> help a bit(if Motorola doesn't
> get their way), but you know that a growing mind is eventually going to
want
> more than just this. GMRS
> doesn't have the resources, and is not a service that was created to
foster
> experimentation. Like it or not,
> the typical young person ends up cutting his radio experimention teeth in
> the Citizen's Band service, because
> there isn't a reasonable entry-level ham license for kids(it is even worse
> now after restructuring, what with the
> elimination of the Novice Class).
>
> Everyday now the USA is falling further and further behind Europe and
Japan
> in the wireless communications

> race. As hams, it is time we make an effort to insure that our young
people
> are provided with the proper
> environment, incentives, and role models to properly learn radio
> communications techniques and etiquette.
> It is time for hams to stop complaining, step up to the plate, and take an
> active role in seeing that our bright,
> young technical minds are being taught properly.
>
> As a result of this, I have reworked the Communicator entry-level license
> proposal I submitted to the FCC last year,
> and I will now be proposing a new entry-level Amateur Radio class known as
> the "Colt" class. I submit a draft
> of the proposal for your review below. Please keep in mind that the
future
> of American involvement in wireless
> communications development depends on us to properly encourage and teach
> tomorrow's experimenters, operators,
> technicians, and engineers...
>
> **********
> Proposal to FCC to institute an introductory-level "Colt" license
> class in the Amateur Radio Service - REV A
>
>
> In the late 1980's and early 1990's when the current Amateur Radio Service
> Technician Class license was conceived and implemented, it was
> an appropriate alternate introductory license class. However, due to the
> recent elimination of the Novice Class license, and as a result of
improving
> technology; the Technician Class license no longer serves well as the only
> introductory license, as it is doing poorly in drawing young members into
> the Service. As a result of license restructuring, it is now actually
> harder for young people to obtain an Amateur license than it was before
> restructuring.
>
> In this critical era of global competition, especially in the wireless
> communications arena, it is essential that we provide a means for properly
> educating our young people in RF communications operation and theory.
>
> Today, technologies like the Family Radio Service, high-speed telephone &
> cable modems, the Internet, and inexpensive cellular
> telephones, have overshadowed the privileges of the Amateur Radio Service,
> and made the requirements for young beginners to obtain a
> Technician Class license out of date. Additionally, the Technician Class
> license has now evolved into a beginning and ending point for
> most modern day Amateurs, who are mostly interested in VHF/UHF
> communications, rather than HF communications. Incentive licensing has
> virtually been eliminated.
>

> The need for a Service dedicated to the goal of teaching young radio users
> proper radio operation techniques and etiquette can clearly be seen in the
> disarray present on the 11 meter Citizen's Band Service frequencies. The
> fact is, the Citizen's Band has become the defacto introductory service
for
> young people just beginning to learn to experiment with radio; yet the
> Citizen's Band is a very poor environment for young people to be learning
> in.
>
> Therefore, it is recommended that a new "Colt Class" license be added to
the
> Amateur Radio Service expressly to encourage young
> individuals to enter the Amateur Radio Service to improve their
> understanding of RF communications theory, provide a healthy learning
> environment, and encourage radio experimentation.
>
> On the 70cm UHF band, Colt licensees would be restricted to voice
> communications on 5 simplex-only 20khz-spaced channels
> on 446.00, 446.02, 446.04, 446.06, and 446.08 Mhz; and digital
> communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel
on
> 446.14Mhz.
>
> On the 1.25m VHF band, Colt licensees would be restricted to voice
> communications on 5 simplex-only 20khz-spaced channels
> on 223.42, 223.44, 223.46, 223.48, and 223.50 Mhz; and digital
> communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel
on
> 223.56Mhz.
>
> To encourage experimentation/understanding of antenna and VHF/UHF RF
> propagation theory, Colt licensees would also be allowed to setup and/or
> operate through a VHF/UHF crossband, simplex user input/output, repeater
> station on two 20khz-bandwidth channels on 223.52Mhz and 446.10Mhz. This
> would allow them to setup an inexpensive repeater system by
interconnecting
> the voice/mic connections via a resistive circuit on two simplex radios;
and
> would not require expensive, and difficult to understand, cavity and
> duplexer filtering at the repeater station site. User radio costs would
be
> low, as they would only need a single simplex radio. As a result of the
> characteristics of this type of repeater, the repeater builders and users
> would learn to coordinate frequencies, and user groupings based on
> environmental conditions, so as to acheive optimal results.
>
> Colt license users would also be subject to the following restrictions:
>
> (1) Individuals applying for a Colt Class license must be under 19 years
of

> age at the time of license application or renewal. The license is valid
for
> 5 years.
>
> (2) Fixed control station antennas will be no more than 6.1 meters (20
> feet) above the ground or above the building or tree on which it is
> mounted.
>
> (3) Transmissions limited to 5 watts ERP, or less.
>
>
> The new license class would have the following goals:
>
> 1) Encourage more young people to enter the Amateur Radio Service, by
> providing an entry-level ARS license class that includes privileges
> allowing reliable short-range voice and data communications.
>
> 2) Not significantly impact existing users of the affected Amateur Radio
> Service frequency bands.
>
> 3) Encourage basic knowledge of radio, electronics, operating principles
and
> etiquette among a wider segment of the general
> population.
>
> 4) Take advantage of the success of the Family Radio Service, and provide
a
> path for those young users interested in further radio experimentation.
>
> The Colt license exam would consist of 25 fairly simple questions.
Emphasis
> would be put on understanding the existing operational, safety, etiquette
> and emergency questions from theTechnician Class question pool that relate
> specifically to Colt Class license privileges. All questions containing
> calculations would contain small integer(whole-number) input values and
have
> relatively small integer results. Colt licensees would be required to
have
> a general understanding of Ohm's Law and Power relations. They should be
> required to have a general understanding of how antenna length relates to
> wavelength; and have a knowledge of transmitter power, antenna gain,
> transmission line loss, and the ability to perform a simple ERP
calculation
> would be required. General knowledge of simple resistive circuits, and
> their power dissipation, would be required. Knowledge of capacitors and
> inductors would not be required.
>
>
> Stewart Teaze - N0MHS
>

>

200. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 20:54:15 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A6C9DF7.FE5CFEAE@junglevision.com>
Source record: 9537
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

"Paul R. Stoetzer, N8HM" wrote:
>
> 3. The Tech license is already extremely easy to get. I got my Tech just
> over a year ago and it took about a week to study enough to pass the test,
> and that was with 55 questions on two tests, not 35.
>
> While I agree more young people are needed in the hobby, the problem is not
> the license structure, which I believe to be perfect, it is the PR
> deficencies.

What about this as a proposal. Leave everything as it is as far as licenses
are concerned. But, then eliminate the rule that you can't charge money
for testing people. And, then work to get the FCC to cut a deal
to allow, for example, Radio Shack and ham radio stores to give ham radio
license tests right in the store -- and set up a computer system to give call signs
right on the spot. Then, the stores could make a little money giving the test.
And, might pick up some extra sales from new hams.

201. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 21:17:39 UTC
From: The Packrat <spam@n7uic.net>
Message-ID: <Tr1b6.297355$U46.9496569@news1.sttls1.wa.home.com>
Source record: 9538
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

The money they charge is for all the expenses of testing - there isn't a
mandatory charge

"Cathryn Mataga" <cathryn@junglevision.com> wrote in message
news:3A6C9DF7.FE5CFEAE@junglevision.com...

"Paul R. Stoetzer, N8HM" wrote:
>
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license tests right in the store -- and set up a computer system to give
call signs
right on the spot. Then, the stores could make a little money giving the
test.
And, might pick up some extra sales from new hams.

202. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 21:37:15 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A6CA80B.A582757@amsat.org>
Source record: 9539

www.packetradio.org
Did you even TRY a search engine?

203. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 21:46:23 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <c99p6tsdbusura3qnh1i3nmvb82fn4b6hg@4ax.com>
Source record: 9540

On Mon, 22 Jan 2001 11:07:46 -0700, Brad Fisher P70142
<p70142@email.mot.com> wrote:

>Correct ... it was NOT SSTV ... I know the difference. It's
>definately RTTY with a 850hz shift (aren't waterfall displays
>nifty?). I've tried upper and lower SSB, the signal is VERY
>strongly received here in AZ, but I have not been able to
>decode the signal.

I don't understand the fuss about this signal. The HF band is full of
signals that are not intended for everyone to receive. The 10 MHz band
is at least in Region 1 a shared allocation in which the fixed service
is the primary user and radio amateurs are secondary users.

So what you are hearing is most likely some non-amateur station
communicating with an other non-amateur station.

Paul OH3LWR

204. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 21:48:19 UTC
From: W4JLE <Fred@w4jle.com>
Message-ID: <94i9so$h3p$1@iac5.navix.net>
Source record: 9541
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

You could even have the test on the computer, the computer than could grade your test(s) and as you pointed out issue your call sign on the spot. Then the computer could pop up what the store had in your price range. You would then press your selections and walk to the front of the store, pickup your license and equipment and head home ready to operate.

We could do the same thing from Mall kiosks to attract young people. This could be coupled with playstation rentals, beepers, and cell phones. A one stop communications and entertainment kiosk. ARRL could create a Sony playstation and gameboy cartridge to teach amateur radio, along with an amateur radio adventure that would require simulated contacts with DX countries to obtain clues to finish the game. Wow! I wish I had thought of that. The only problem is getting it by the old elitist hams that think you should learn a bunch of code and radio nonsense to gain what is rightfully yours because you want it..

--
Fred W4JLE NHI#1001
Executive Grand Pooba - No Hassle International
Doing away with all requirements for a Ham ticket
"We want, therefore we deserve"
Send your non-tax deductible donations today!

"Cathryn Mataga" <cathryn@junglevision.com> wrote in message
news:3A6C9DF7.FE5CFEAE@junglevision.com...
>
>
> "Paul R. Stoetzer, N8HM" wrote:
> >
> > 3. The Tech license is already extremely easy to get. I got my Tech just
> > over a year ago and it took about a week to study enough to pass the
test,
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> are concerned. But, then eliminate the rule that you can't charge money
> for testing people. And, then work to get the FCC to cut a deal
> to allow, for example, Radio Shack and ham radio stores to give ham radio

> license tests right in the store -- and set up a computer system to give call signs
> right on the spot. Then, the stores could make a little money giving the test.
> And, might pick up some extra sales from new hams.

205. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 21:53:17 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <3A6CABCD.B1B8779A@eznec.com>
Source record: 9542
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

I don't like this idea very much. The part that worries me is as you say, they "might pick up some extra sales from new hams". Without accusing any store or anyone of dishonesty, I think it's a bad idea for the test giver to have such an immediate and direct financial incentive to have the examinee pass.

Roy Lewallen, W7EL

Cathryn Mataga wrote:
>
> What about this as a proposal. Leave everything as it is as far as licenses
> are concerned. But, then eliminate the rule that you can't charge money
> for testing people. And, then work to get the FCC to cut a deal
> to allow, for example, Radio Shack and ham radio stores to give ham radio
> license tests right in the store -- and set up a computer system to give call signs
> right on the spot. Then, the stores could make a little money giving the test.
> And, might pick up some extra sales from new hams.

206. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 22:06:35 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A6CAEEB.83DF27F8@junglevision.com>
Source record: 9543
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Roy Lewallen wrote:
>
> I don't like this idea very much. The part that worries me is as you
> say, they "might pick up some extra sales from new hams". Without
> accusing any store or anyone of dishonesty, I think it's a bad idea for
> the test giver to have such an immediate and direct financial incentive
> to have the examinee pass.
>

Money makes the world go-round. Methinks. And if you want to
get more young people in the hobby, I think you need the kind
of marketing muscle that Radio Shack can provide. And, I think the fraud
issue here is over-estimated. There's been fraud
in the testing system as it is. If you had big companies involved,
who had lawyers, they could snap the whip with the employees.
And, they'd be better positioned to enforce standards, than random
individuals. I think.

Just enact some fines for cheating. Hire a few people to go
around, and masquerade as applicants to keep the system clean. And,
open an office, that would handle reports of fraud, and then
investigate as a criminal matter. It'd probably be cleaner than
the current setup.

207. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 22:49:00 UTC
From: City_Slicker <notenuftime@foolscorner.net>
Message-ID: <94idcs$inb@dispatch.concentric.net>
Source record: 9544
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Maybe a 15 year old can explain to the rest how to stop posting to the
rec.radio.CB group.

"Paul R. Stoetzer, N8HM" <N8HM@arrl.net> wrote in message
news:fP0b6.84$b7.121951@nntp1.onemain.com...
> There are several problems with this proposal:
>
> 1. As a 15 year old, I can tell you that the most interesting thing of ham
> radio is DX, not short range VHF communications.
> 2. This proposal would isolate the newbies, if there are not any other
> recent "Colt" licensees around, they would quickly grow bored and would
not
> upgrade. Chatting with people who have been around a while and who are
> talking about the Walk-a-Thon or picnic the local club is involved in or
the
> great conditions on the HF bands today.
> 3. The Tech license is already extremely easy to get. I got my Tech just
> over a year ago and it took about a week to study enough to pass the test,
> and that was with 55 questions on two tests, not 35.
>
> While I agree more young people are needed in the hobby, the problem is
not
> the license structure, which I believe to be perfect, it is the PR
> deficencies.
>
> 73,
> Paul
> N8HM
> "Stewart R Teaze" <HORSESHOE7@prodigy.net> wrote in message
> news:948o9h$4mg4$1@newssvr05-en0.news.prodigy.com...
> > The rapidly-expanding Family Radio Service has exposed millions of young
> > people to the world
> > of radio communications. But now, where is a young kid to go who has is
> > interested in experimenting
> > with radios and get more range than the typical 1/2 mile of FRS? MURS
> might
> > help a bit(if Motorola doesn't
> > get their way), but you know that a growing mind is eventually going to
> want
> > more than just this. GMRS
> > doesn't have the resources, and is not a service that was created to
> foster
> > experimentation. Like it or not,

> > the typical young person ends up cutting his radio experimention teeth
in
> > the Citizen's Band service, because
> > there isn't a reasonable entry-level ham license for kids(it is even
worse
> > now after restructuring, what with the
> > elimination of the Novice Class).
> >
> > Everyday now the USA is falling further and further behind Europe and
> Japan
> > in the wireless communications
> > race. As hams, it is time we make an effort to insure that our young
> people
> > are provided with the proper
> > environment, incentives, and role models to properly learn radio
> > communications techniques and etiquette.
> > It is time for hams to stop complaining, step up to the plate, and take
an
> > active role in seeing that our bright,
> > young technical minds are being taught properly.
> >
> > As a result of this, I have reworked the Communicator entry-level
license
> > proposal I submitted to the FCC last year,
> > and I will now be proposing a new entry-level Amateur Radio class known
as
> > the "Colt" class. I submit a draft
> > of the proposal for your review below. Please keep in mind that the
> future
> > of American involvement in wireless
> > communications development depends on us to properly encourage and teach
> > tomorrow's experimenters, operators,
> > technicians, and engineers...
> >
> > **
> > Proposal to FCC to institute an introductory-level "Colt" license
> > class in the Amateur Radio Service - REV A
> >
> >
> > In the late 1980's and early 1990's when the current Amateur Radio
Service
> > Technician Class license was conceived and implemented, it was
> > an appropriate alternate introductory license class. However, due to
the
> > recent elimination of the Novice Class license, and as a result of
> improving
> > technology; the Technician Class license no longer serves well as the
only
> > introductory license, as it is doing poorly in drawing young members
into

> > the Service. As a result of license restructuring, it is now actually
> > harder for young people to obtain an Amateur license than it was before
> > restructuring.
> >
> > In this critical era of global competition, especially in the wireless
> > communications arena, it is essential that we provide a means for
properly
> > educating our young people in RF communications operation and theory.
> >
> > Today, technologies like the Family Radio Service, high-speed telephone
&
> > cable modems, the Internet, and inexpensive cellular
> > telephones, have overshadowed the privileges of the Amateur Radio
Service,
> > and made the requirements for young beginners to obtain a
> > Technician Class license out of date. Additionally, the Technician
Class
> > license has now evolved into a beginning and ending point for
> > most modern day Amateurs, who are mostly interested in VHF/UHF
> > communications, rather than HF communications. Incentive licensing has
> > virtually been eliminated.
> >
> > The need for a Service dedicated to the goal of teaching young radio
users
> > proper radio operation techniques and etiquette can clearly be seen in
the
> > disarray present on the 11 meter Citizen's Band Service frequencies.
The
> > fact is, the Citizen's Band has become the defacto introductory service
> for
> > young people just beginning to learn to experiment with radio; yet the
> > Citizen's Band is a very poor environment for young people to be
learning
> > in.
> >
> > Therefore, it is recommended that a new "Colt Class" license be added to
> the
> > Amateur Radio Service expressly to encourage young
> > individuals to enter the Amateur Radio Service to improve their
> > understanding of RF communications theory, provide a healthy learning
> > environment, and encourage radio experimentation.
> >
> > On the 70cm UHF band, Colt licensees would be restricted to voice
> > communications on 5 simplex-only 20khz-spaced channels
> > on 446.00, 446.02, 446.04, 446.06, and 446.08 Mhz; and digital
> > communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel
> on
> > 446.14Mhz.
> >
> > On the 1.25m VHF band, Colt licensees would be restricted to voice

> > communications on 5 simplex-only 20khz-spaced channels
> > on 223.42, 223.44, 223.46, 223.48, and 223.50 Mhz; and digital
> > communications up to 19,200bps on 1 simplex-only 60khz bandwidth channel
> on
> > 223.56Mhz.
> >
> > To encourage experimentation/understanding of antenna and VHF/UHF RF
> > propagation theory, Colt licensees would also be allowed to setup and/or
> > operate through a VHF/UHF crossband, simplex user input/output, repeater
> > station on two 20khz-bandwidth channels on 223.52Mhz and 446.10Mhz.
This
> > would allow them to setup an inexpensive repeater system by
> interconnecting
> > the voice/mic connections via a resistive circuit on two simplex radios;
> and
> > would not require expensive, and difficult to understand, cavity and
> > duplexer filtering at the repeater station site. User radio costs would
> be
> > low, as they would only need a single simplex radio. As a result of the
> > characteristics of this type of repeater, the repeater builders and
users
> > would learn to coordinate frequencies, and user groupings based on
> > environmental conditions, so as to acheive optimal results.
> >
> > Colt license users would also be subject to the following restrictions:
> >
> > (1) Individuals applying for a Colt Class license must be under 19 years
> of
> > age at the time of license application or renewal. The license is valid
> for
> > 5 years.
> >
> > (2) Fixed control station antennas will be no more than 6.1 meters (20
> > feet) above the ground or above the building or tree on which it is
> > mounted.
> >
> > (3) Transmissions limited to 5 watts ERP, or less.
> >
> >
> > The new license class would have the following goals:
> >
> > 1) Encourage more young people to enter the Amateur Radio Service, by
> > providing an entry-level ARS license class that includes privileges
> > allowing reliable short-range voice and data communications.
> >
> > 2) Not significantly impact existing users of the affected Amateur Radio
> > Service frequency bands.
> >
> > 3) Encourage basic knowledge of radio, electronics, operating principles
> and

> > etiquette among a wider segment of the general
> > population.
> >
> > 4) Take advantage of the success of the Family Radio Service, and
provide
> a
> > path for those young users interested in further radio experimentation.
> >
> > The Colt license exam would consist of 25 fairly simple questions.
> Emphasis
> > would be put on understanding the existing operational, safety,
etiquette
> > and emergency questions from theTechnician Class question pool that
relate
> > specifically to Colt Class license privileges. All questions containing
> > calculations would contain small integer(whole-number) input values and
> have
> > relatively small integer results. Colt licensees would be required to
> have
> > a general understanding of Ohm's Law and Power relations. They should
be
> > required to have a general understanding of how antenna length relates
to
> > wavelength; and have a knowledge of transmitter power, antenna gain,
> > transmission line loss, and the ability to perform a simple ERP
> calculation
> > would be required. General knowledge of simple resistive circuits, and
> > their power dissipation, would be required. Knowledge of capacitors and
> > inductors would not be required.
> >
> >
> > Stewart Teaze - N0MHS
> >
> >
>
>

208. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 22:50:26 UTC
From: City_Slicker <notenuftime@foolscorner.net>
Message-ID: <94idfi$jf6@dispatch.concentric.net>
Source record: 9545
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Fred, I know you know better than to keep cross posting this thread. Your mail boxes could get awfully full.

"W4JLE" <Fred@w4jle.com> wrote in message
news:94i9so$h3p$1@iac5.navix.net...
> You could even have the test on the computer, the computer than could
grade
> your test(s) and as you pointed out issue your call sign on the spot. Then
> the computer could pop up what the store had in your price range. You
would
> then press your selections and walk to the front of the store, pickup your
> license and equipment and head home ready to operate.
>
> We could do the same thing from Mall kiosks to attract young people. This
> could be coupled with playstation rentals, beepers, and cell phones. A one
> stop communications and entertainment kiosk. ARRL could create a Sony
> playstation and gameboy cartridge to teach amateur radio, along with an
> amateur radio adventure that would require simulated contacts with DX
> countries to obtain clues to finish the game. Wow! I wish I had thought of
> that. The only problem is getting it by the old elitist hams that think
you
> should learn a bunch of code and radio nonsense to gain what is rightfully
> yours because you want it..
>
> --
> Fred W4JLE NHI#1001
> Executive Grand Pooba - No Hassle International
> Doing away with all requirements for a Ham ticket
> "We want, therefore we deserve"
> Send your non-tax deductible donations today!
>
> "Cathryn Mataga" <cathryn@junglevision.com> wrote in message
> news:3A6C9DF7.FE5CFEAE@junglevision.com...
> >
> >
> > "Paul R. Stoetzer, N8HM" wrote:
> > >
> > > 3. The Tech license is already extremely easy to get. I got my Tech
just
> > > over a year ago and it took about a week to study enough to pass the
> test,
> > > and that was with 55 questions on two tests, not 35.
> > >

> > > While I agree more young people are needed in the hobby, the problem
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> > > the license structure, which I believe to be perfect, it is the PR
> > > deficencies.
> >
> > What about this as a proposal. Leave everything as it is as far as
> licenses
> > are concerned. But, then eliminate the rule that you can't charge money
> > for testing people. And, then work to get the FCC to cut a deal
> > to allow, for example, Radio Shack and ham radio stores to give ham
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> > license tests right in the store -- and set up a computer system to
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> call signs
> > right on the spot. Then, the stores could make a little money giving
the
> test.
> > And, might pick up some extra sales from new hams.
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209. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 22:57:05 UTC
From: City_Slicker <notenuftime@foolscorner.net>
Message-ID: <94ids1$jor@dispatch.concentric.net>
Source record: 9546
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

This thread doesn't belong on the rec.radio.CB NG. Please remove it from
your replies. If you don't know how to do that ask someone.

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:3A6CABCD.B1B8779A@eznec.com...
> I don't like this idea very much. The part that worries me is as you
> say, they "might pick up some extra sales from new hams". Without
> accusing any store or anyone of dishonesty, I think it's a bad idea for
> the test giver to have such an immediate and direct financial incentive
> to have the examinee pass.
>
> Roy Lewallen, W7EL
>
> Cathryn Mataga wrote:
> >
> > What about this as a proposal. Leave everything as it is as far as
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> > are concerned. But, then eliminate the rule that you can't charge money
> > for testing people. And, then work to get the FCC to cut a deal
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> > license tests right in the store -- and set up a computer system to
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> > right on the spot. Then, the stores could make a little money giving
the test.
> > And, might pick up some extra sales from new hams.

210. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-22 23:22:20 UTC
From: W4JLE <Fred@w4jle.com>
Message-ID: <94ifbi$la9$1@iac5.navix.net>
Source record: 9547
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

I would suggest that you rethink that tact.

Did I miss out on the announcement where you had been appointed Usenet enforcer?

net protocol does not allow me to alter the headers on a thread I did not start. As I am not the author of this thread, you are addressing the wrong party.

I also note that your message was sent to all the newsgroups as well.
--
Fred W4JLE NHI#1001
Executive Grand Pooba - No Hassle International
Doing away with all requirements for a Ham ticket
"We want, therefore we deserve"
Send your non-tax deductible donations today!

"City_Slicker" <notenuftime@foolscorner.net> wrote in message news:94idfi$jf6@dispatch.concentric.net...
> Fred, I know you know better than to keep cross posting this thread. Your
> mail boxes could get awfully full.
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> "W4JLE" <Fred@w4jle.com> wrote in message
> news:94i9so$h3p$1@iac5.navix.net...
> > You could even have the test on the computer, the computer than could
> grade
> > your test(s) and as you pointed out issue your call sign on the spot.
Then
> > the computer could pop up what the store had in your price range. You
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> > then press your selections and walk to the front of the store, pickup
your
> > license and equipment and head home ready to operate.
> >
> > We could do the same thing from Mall kiosks to attract young people.
This
> > could be coupled with playstation rentals, beepers, and cell phones. A
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> > stop communications and entertainment kiosk. ARRL could create a Sony
> > playstation and gameboy cartridge to teach amateur radio, along with an
> > amateur radio adventure that would require simulated contacts with DX
> > countries to obtain clues to finish the game. Wow! I wish I had thought
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> > "Cathryn Mataga" <cathryn@junglevision.com> wrote in message
> > news:3A6C9DF7.FE5CFEAE@junglevision.com...
> > >
> > >
> > > "Paul R. Stoetzer, N8HM" wrote:
> > > >
> > > > 3. The Tech license is already extremely easy to get. I got my Tech
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> > > > over a year ago and it took about a week to study enough to pass the
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> > > > and that was with 55 questions on two tests, not 35.
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> > > > While I agree more young people are needed in the hobby, the problem
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> > test.
> > > And, might pick up some extra sales from new hams.
> >
> >
>
>

211. Re: PCMCIA sound card for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 01:14:43 UTC
From: marsgal42@hotmail.com
Message-ID: <94iltu$m3h$1@nnrp1.deja.com>
Source record: 9548

In article <3a6892aa.0@news.hampshire.edu>,
Al Woodhull <aswNS@helios.hampshire.edu> wrote:
> I have a four year old laptop computer I don't use much these days. I
> think it has enough processor power to be useful for sound-card based
> digital modes. But, I have never seen a PCMCIA sound card. For my
> intended purpose a card would obviously have to work with standard
> (Soundblaster compatible) software.

How much processor power? Which OS? While stories about of
people running PSK31 on Z80s and 4004s, a Pentium (say, P133)
is really the minimum requirement.

If the sound card is supported by the OS (Linux or Windows),
it doesn't matter what kind it is.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

212. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 02:24:36 UTC
From: Old_Timer <oldtimer@nonsuch.net>
Message-ID: <3A6CEB64.ED3435EF@nonsuch.net>
Source record: 9549
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

Cathryn Mataga wrote:
>
> Roy Lewallen wrote:
> >
> > I don't like this idea very much. The part that worries me is as you
> > say, they "might pick up some extra sales from new hams". Without
> > accusing any store or anyone of dishonesty, I think it's a bad idea for
> > the test giver to have such an immediate and direct financial incentive
> > to have the examinee pass.
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> Money makes the world go-round. Methinks. And if you want to
> get more young people in the hobby, I think you need the kind
> of marketing muscle that Radio Shack can provide. And, I think the fraud
> issue here is over-estimated. There's been fraud
> in the testing system as it is. If you had big companies involved,
> who had lawyers, they could snap the whip with the employees.
> And, they'd be better positioned to enforce standards, than random
> individuals. I think.
>
> Just enact some fines for cheating. Hire a few people to go
> around, and masquerade as applicants to keep the system clean. And,
> open an office, that would handle reports of fraud, and then
> investigate as a criminal matter. It'd probably be cleaner than
> the current setup.

Marketing muscle? Is this from the same group of drooling no-loads I've encountered in almost every RadShack I've entered over the past several decades? These folks panic when a customer refuses to provide his name and address.

The people who are Radio Shack's customers seem to be from several distinct groups: a) those who need a part in a hurry and can't wait for delivery from a "1-800" house (I generally fall into this group), b) those who don't care about price, c) those who don't care about quality and d) those who are waiting for a spouse to finish shopping at the mall.

I don't think we need individuals who are incapable of identifying an electronic component administering amateur license testing.

Dave Heil K8MN

213. A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 02:31:06 UTC
From: Mark Erbaugh <mark@nospam.microenh.com>
Message-ID: <3a6d01f2$0$2548$2a0ee87e@news.tdin.com>
Source record: 9451

I'd like to build a remote radio setup that would consist of a computer controlled radio (TenTec Pegasus) and computer, installed in an enclosure at the base of my tower and connected to a remote computer via Ethernet. I'd like to connect the mic and speaker at the remote computer to a sound card and have the audio digitized and sent over the Ethernet to the computer at the tower where the radio would also be connected to the sound card

I'm looking for some routines that can be used to provide the D/A and A/D. Since I write programs for Windows for a living, I'm planning on using Windows as the operating platform. I'd like DLLs or OCX's or similar routines. Also, is this approach practical?

73,
Mark, N8ME

214. Re: FCC proposal for new Amateur "Colt" License Class

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 03:32:46 UTC
From: City_Slicker <notenuftime@foolscorner.net>
Message-ID: <94iu0u$ioo@dispatch.concentric.net>
Source record: 9550
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.radio.family,rec.radio.cb,rec.radio.amateur.digital.misc

For what ever reason this cross posting continues to be a problem usually stemming from the ham groups. You surely have control to which NG you direct your response to. It figures you would follow everyone off the cliff to adhere to protocol. Do you believe that anyone who is only interested in CB gives a rats @$$ about some new Brownie license to use a radio? This NG is CB no license, no policy etc. So why even post it here?

If I have to nominate myself as the enforcer of this group so be it others will support the cause. If the amateur NG would like all of the CB posts crossed to their NG it can begin immediately. You see it is like one guy turns on an amp then another then another and pretty soon the whole band is unusable. Is it time to see who's is bigger? Or can this just end and everyone take their posts where they belong?

Since I don't know the origins and really don't care to waste time researching I am posting back to all the groups so that no one can later say what happened and why. This thread being crossed to the CB group can be stopped if you want to. Or you can get prepared to read many more posts that don't pertain to your groups.

"W4JLE" <Fred@w4jle.com> wrote in message
news:94ifbi$la9$1@iac5.navix.net...
> I would suggest that you rethink that tact.
>
> Did I miss out on the announcement where you had been appointed Usenet
> enforcer?
>
> net protocol does not allow me to alter the headers on a thread I did not
> start. As I am not the author of this thread, you are addressing the wrong
> party.
>
> I also note that your message was sent to all the newsgroups as well.
> --
> Fred W4JLE NHI#1001
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> Doing away with all requirements for a Ham ticket
> "We want, therefore we deserve"
> Send your non-tax deductible donations today!
>
> "City_Slicker" <notenuftime@foolscorner.net> wrote in message
> news:94idfi$jf6@dispatch.concentric.net...
> > Fred, I know you know better than to keep cross posting this thread.
Your
> > mail boxes could get awfully full.

> >
> > "W4JLE" <Fred@w4jle.com> wrote in message
> > news:94i9so$h3p$1@iac5.navix.net...
> > > You could even have the test on the computer, the computer than could
> > grade
> > > your test(s) and as you pointed out issue your call sign on the spot.
> Then
> > > the computer could pop up what the store had in your price range. You
> > would
> > > then press your selections and walk to the front of the store, pickup
> your
> > > license and equipment and head home ready to operate.
> > >
> > > We could do the same thing from Mall kiosks to attract young people.
> This
> > > could be coupled with playstation rentals, beepers, and cell phones. A
> one
> > > stop communications and entertainment kiosk. ARRL could create a Sony
> > > playstation and gameboy cartridge to teach amateur radio, along with
an
> > > amateur radio adventure that would require simulated contacts with DX
> > > countries to obtain clues to finish the game. Wow! I wish I had
thought
> of
> > > that. The only problem is getting it by the old elitist hams that
think
> > you
> > > should learn a bunch of code and radio nonsense to gain what is
> rightfully
> > > yours because you want it..
> > >
> > > --
> > > Fred W4JLE NHI#1001
> > > Executive Grand Pooba - No Hassle International
> > > Doing away with all requirements for a Ham ticket
> > > "We want, therefore we deserve"
> > > Send your non-tax deductible donations today!
> > >
> > > "Cathryn Mataga" <cathryn@junglevision.com> wrote in message
> > > news:3A6C9DF7.FE5CFEAE@junglevision.com...
> > > > >
> > > > >
> > > > "Paul R. Stoetzer, N8HM" wrote:
> > > > > >
> > > > > > 3. The Tech license is already extremely easy to get. I got my
Tech
> > just
> > > > > > over a year ago and it took about a week to study enough to pass
the
> > > test,

> > > > > and that was with 55 questions on two tests, not 35.
> > > > >
> > > > > While I agree more young people are needed in the hobby, the
problem
> > is
> > > not
> > > > > the license structure, which I believe to be perfect, it is the PR
> > > > > deficencies.
> > > >
> > > > What about this as a proposal. Leave everything as it is as far as
> > > licenses
> > > > are concerned. But, then eliminate the rule that you can't charge
> money
> > > > for testing people. And, then work to get the FCC to cut a deal
> > > > to allow, for example, Radio Shack and ham radio stores to give ham
> > radio
> > > > license tests right in the store -- and set up a computer system to
> > give
> > > call signs
> > > > right on the spot. Then, the stores could make a little money
giving
> > the
> > > test.
> > > > And, might pick up some extra sales from new hams.
> > >
> > >
> >
> >
>
>

215. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 09:09:20 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn96qihv.p60.nomail@linux.pe1chl.ampr.org>
Source record: 9452

Mark Erbaugh <mark@nospam.microenh.com> wrote:
>I'd like to build a remote radio setup that would consist of a computer
>controlled radio (TenTec Pegasus) and computer, installed in an enclosure at
>the base of my tower and connected to a remote computer via Ethernet. I'd
>like to connect the mic and speaker at the remote computer to a sound card
>and have the audio digitized and sent over the Ethernet to the computer at
>the tower where the radio would also be connected to the sound card

>I'm looking for some routines that can be used to provide the D/A and A/D.
>Since I write programs for Windows for a living, I'm planning on using
>Windows as the operating platform. I'd like DLLs or OCX's or similar
>routines. Also, is this approach practical?

When you program for Windows you should be familiar with the APIs available
from Microsoft and the way to get development software and documention, I
think... their "multimedia API" (DirectX) should provide everything you
need.

Of course it is practical. But you should consider that there will be a
time delay, as at several places the samples are usually manipulated in
chunks that are to be collected first, then sent over the link and to the
soundcard at the other end.
Remember that a delay might not be that much of a problem with halfduplex
communication, but it will increase the chance that you grab the mike and
transmit while another station has been doing the same (but you did not yet
notice).

For duplex or full-breakin CW, any delay will be very disturbing.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

216. Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 10:50:02 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3A6D45D2.1CAB@pop.removethistomailme.net>
Source record: 9453
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

I've recently been fooling around with some 802.11 wireless Ethernet hardware (Lucent Orinoco) at home. It seems to be working well for the most part, but I've been seeing severe dropouts on a very occasional basis due to the appearance of a fairly-strong interfering signal close to where the Lucent hardware operates. Typically the interfering signal has been popping up late at night (around 1 AM local time) and lasting for only a few minutes before going away. It's not causing any real grief but I'm curious where it's coming from.

Last night, the QRM lasted for quite a while, and I managed to catch the culprit on my SA. I don't have a portable receiver for this band to help track down the signal, but I would be curious if anyone recognizes its spectral footprint and can tell me what kind of device to look for. I haven't run across anything like this before -- it doesn't look much like a microwave oven, and it doesn't look anything like another 802.11 device.

The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting around 2.4615 GHz and taking up about 10 MHz of space at its -6dB points. What kind of device is doing this, and who do I yell at to make it stop? :)

-- jm

---
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam
---

217. FT1000D

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 11:08:21 UTC
From: "william.bradbury" <william.bradbury@ntlworld.com>
Message-ID: <aFdb6.300$x%3.4845@news6-win.server.ntlworld.com>
Source record: 9454

FOR SALE FT1000D WITH YAESU FILTERS/TX MODULE/MIKE/MAN/=24MOUTHS OLD ONE OF THE LAST TEN SOLD .RECEIPT CAN BE SEEN? SELL FOR ?1850.00? MY QTH IS NOTTINGHAM?MY EMAIL ADD/FULL/ADDS,IS IN QRZ.COM

218. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 15:03:14 UTC
From: Win Hill <whill@mediaone.net>
Message-ID: <3A6D9C4A.5F54597D@mediaone.net>
Source record: 9455
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

John Miles wrote:
>
> I've recently been fooling around with some 802.11 wireless Ethernet
> hardware (Lucent Orinoco) at home. It seems to be working well for the
> most part, but I've been seeing severe dropouts on a very occasional
> basis due to the appearance of a fairly-strong interfering signal close
> to where the Lucent hardware operates. Typically the interfering signal
> has been popping up late at night (around 1 AM local time) and lasting
> for only a few minutes before going away. It's not causing any real
> grief but I'm curious where it's coming from.
>
> Last night, the QRM lasted for quite a while, and I managed to catch the
> culprit on my SA. I don't have a portable receiver for this band to
> help track down the signal, but I would be curious if anyone recognizes
> its spectral footprint and can tell me what kind of device to look for.
> I haven't run across anything like this before -- it doesn't look much
> like a microwave oven, and it doesn't look anything like another 802.11
> device.
>
> The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
> asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
> around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
> points. What kind of device is doing this, and who do I yell at to make
> it stop? :)
>
> -- jm

The FCC rules state that part 15 devices may not interfere but also that
they must _accept_ any interference, and this is also printed on the part
15 hardware tag, that appears to be a penalty of operation in the ISM band.

:-(

What channel are on operating on? The receiver responds to +/-8MHz about
the carrier, so Channel 1 at 2400MHz would appear to be unaffected by the
interference. Likewise a higher channel might be safe (802.11 channels
are spaced every 5MHz). How stable is the frequency of the interferring
noise? It's likely a high harmonic of a spike signal... Have you been
able to see any of the other harmonics? This would allow you to calculate
the basic repetition rate, which might provide a clue.

Let us know what you learn.

Thanks,
- Win

Winfield Hill
Rowland Institute for Science
100 Edwin Land Blvd
Cambridge, MA 02142-1297

219. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 15:19:49 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3A6DA200.F3D7A96D@primeline.net>
Source record: 9456
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

My first guess, no-one, as per the FCC part 15 status of the 802.11b device,
it must accept interference, including that which may cause unesired operation, you
know it all.

Look up Seattle wireless to learn how to at least build a directional 2.4 Ghz antenna (I might be tempted to try and borrow an MMDS downconvertor,
an find a portable SA to at least find where it's coming from, than if they have
a licence to transmit there.

John Miles wrote:
>
> I've recently been fooling around with some 802.11 wireless Ethernet
> hardware (Lucent Orinoco) at home. It seems to be working well for the
> most part, but I've been seeing severe dropouts on a very occasional
> basis due to the appearance of a fairly-strong interfering signal close
> to where the Lucent hardware operates. Typically the interfering signal
> has been popping up late at night (around 1 AM local time) and lasting
> for only a few minutes before going away. It's not causing any real
> grief but I'm curious where it's coming from.
>
> Last night, the QRM lasted for quite a while, and I managed to catch the
> culprit on my SA. I don't have a portable receiver for this band to
> help track down the signal, but I would be curious if anyone recognizes
> its spectral footprint and can tell me what kind of device to look for.
> I haven't run across anything like this before -- it doesn't look much
> like a microwave oven, and it doesn't look anything like another 802.11
> device.
>
> The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
> asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
> around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
> points. What kind of device is doing this, and who do I yell at to make
> it stop? :)
>
> -- jm
>
> --
> http://www.qsl.net/ke5fx
> Note: My E-mail address has been altered to avoid spam
> --

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

220. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 15:27:21 UTC
From: Allan Dobler <Allan.Dobler@crha-health.ab.ca>
Message-ID: <3A6DA2D9.C77F5BF6@crha-health.ab.ca>
Source record: 9457
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Isn't 2460 MHz used for microwave ovens?
Allan VE6XK

John Miles wrote:
>
> I've recently been fooling around with some 802.11 wireless Ethernet
> hardware (Lucent Orinoco) at home. It seems to be working well for the
> most part, but I've been seeing severe dropouts on a very occasional
> basis due to the appearance of a fairly-strong interfering signal close
> to where the Lucent hardware operates. Typically the interfering signal
> has been popping up late at night (around 1 AM local time) and lasting
> for only a few minutes before going away. It's not causing any real
> grief but I'm curious where it's coming from.
>
> Last night, the QRM lasted for quite a while, and I managed to catch the
> culprit on my SA. I don't have a portable receiver for this band to
> help track down the signal, but I would be curious if anyone recognizes
> its spectral footprint and can tell me what kind of device to look for.
> I haven't run across anything like this before -- it doesn't look much
> like a microwave oven, and it doesn't look anything like another 802.11
> device.
>
> The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
> asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
> around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
> points. What kind of device is doing this, and who do I yell at to make
> it stop? :)
>
> -- jm
>
> --
> http://www.qsl.net/ke5fx
> Note: My E-mail address has been altered to avoid spam
> --

221. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 16:03:12 UTC
From: David VanHorn <dvanhorn@cedar.net>
Message-ID: <4Xhb6.38722$P5.1659226@news1.rdc1.il.home.com>
Source record: 9458
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Dosen't this band overlap the ham band? (2300-2450)
There was a big contest this last weekend.

222. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 17:42:59 UTC
From: p_e~t#e$r%k&v3@home.com
Message-ID: <Xns9032815C3F347peterkvhomecom@24.2.9.58>
Source record: 9459
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Hello John:

John Miles <jmiles@pop.net> wrote in <3A6D45D2.1CAB@pop.net>:

>I've recently been fooling around with some 802.11 wireless Ethernet
>hardware (Lucent Orinoco) at home. It seems to be working well for the
>most part, but I've been seeing severe dropouts on a very occasional
>basis due to the appearance of a fairly-strong interfering signal close
>to where the Lucent hardware operates. Typically the interfering signal
>has been popping up late at night (around 1 AM local time) and lasting
>for only a few minutes before going away. It's not causing any real
>grief but I'm curious where it's coming from.
>
>Last night, the QRM lasted for quite a while, and I managed to catch the
>culprit on my SA. I don't have a portable receiver for this band to
>help track down the signal, but I would be curious if anyone recognizes
>its spectral footprint and can tell me what kind of device to look for.
>I haven't run across anything like this before -- it doesn't look much
>like a microwave oven, and it doesn't look anything like another 802.11
>device.
>
>The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
>asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
>around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
>points. What kind of device is doing this, and who do I yell at to make
>it stop? :)
>
>-- jm

Just a thought: Could the culprit be one of those new 2.4 Ghz Digital, SS
or Non-SS (Spread Spectrum), cordless telephones like some of the models
vended by Panasonic under the GigaRange brand name? SS phones only stay
on any one channel for a little while and try to avoid occupied channels
so that might explain why you only occasionally experience interference
from one of these gizmos. And I believe they share some of the same
frequencies as 802.11, but I'm not sure on this - if they do then they're
a potential culprit.

Sorry that I can't be more help, but I'm looking into 802.11 wireless for
a part of my home LAN and when I spotted your post I just had to but in.

I watch for new postings this thread but I would appreciate it if you'd
email me if you do identify the culprit. Especially if it turns out to be
a 2.4 Ghz cordless phone - I've got one so I'm naturally curious.

73 for now
Peter Vince VA3PKV
PS Remove the _~#$%& but not the @ from my reply-by-email address.

223. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 20:36:43 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3A6DEC4D.BEB14420@primeline.net>
Source record: 9460
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

```
Because the interference occurs at 1 AM, I beleive it is a microwave
data transmission ( from a bank or something), if not, probably a
genuine ISM emission
(like weather radar maybe)

Peter Vince wrote:
>
> Hello John:
>
> John Miles <jmiles@pop.net> wrote in <3A6D45D2.1CAB@pop.net>:
>
> >I've recently been fooling around with some 802.11 wireless Ethernet
> >hardware (Lucent Orinoco) at home. It seems to be working well for the
> >most part, but I've been seeing severe dropouts on a very occasional
> >basis due to the appearance of a fairly-strong interfering signal close
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> >Last night, the QRM lasted for quite a while, and I managed to catch the
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> >its spectral footprint and can tell me what kind of device to look for.
> >I haven't run across anything like this before -- it doesn't look much
> >like a microwave oven, and it doesn't look anything like another 802.11
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> >The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
> >asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
> >around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
> >points. What kind of device is doing this, and who do I yell at to make
> >it stop? :)
> >
> >-- jm
>
> Just a thought: Could the culprit be one of those new 2.4 Ghz Digital, SS
> or Non-SS (Spread Spectrum), cordless telephones like some of the models
> vended by Panasonic under the GigaRange brand name? SS phones only stay
> on any one channel for a little while and try to avoid occupied channels
> so that might explain why you only occasionally experience interference
> from one of these gizmos. And I believe they share some of the same
> frequencies as 802.11, but I'm not sure on this - if they do then they're
```

> a potential culprit.
>
> Sorry that I can't be more help, but I'm looking into 802.11 wireless for
> a part of my home LAN and when I spotted your post I just had to but in.
>
> I watch for new postings this thread but I would appreciate it if you'd
> email me if you do identify the culprit. Especially if it turns out to be
> a 2.4 Ghz cordless phone - I've got one so I'm naturally curious.
>
> 73 for now
> Peter Vince VA3PKV
> PS Remove the _~#$%& but not the @ from my reply-by-email address.

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

224. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 22:29:31 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3A6E0814.128@pop.removethistomailme.net>
Source record: 9461
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

John Miles wrote:
<snip>

I'm pretty sure it's not an oven, because it's a relatively stable signal. (At least in the shot I took, that is. I didn't think to zoom down on one of the lobes.)

I just took a picture of the Panasonic 1100W microwave in my kitchen, at http://209.95.122.40/jm/uwave.gif. If you look closely you can see my 802.11 signal foundering in the swamp of garbage from the microwave, at around 45 dB below the oven noise.

(Fun factoid of the day: the microwave and the 802.11 access point are both located about the same distance -- 30 feet or so -- from my workbench. This suggests that you'll get about 10,000 times the RF exposure standing next to a microwave oven, than you would from an 802.11-equipped laptop. :) I didn't think ovens leaked that much.)

Win's suggestion of an impulse-noise harmonic seems intriguing -- J.C. Bose successfully ran a spark gap transmitter at 60 GHz in 1905, so I guess anything's possible. But it sure looks like some kind of band-limited DSSS signal to me. A periodic data dump from a nearby bank or store could make sense; there's a lot of commercial/retail property on my block.

The main lobe's width suggests a data clock rate of around 1.5 Mbps if I understand the theory correctly, which seems like a common-enough data rate (DS1 telephony, SP/DIF audio, etc.) However, the book I have suggests the side lobes should be half the main lobe's width, while they appear more like 80-90% as wide in the shot I took.

At any rate, the 802.11 access point is using channel 10 by default, so it looks like I could miss the interference easily enough by dropping down a few channels. It'd still be interesting to figure out what's going on, though. I wrote some waterfall-display code a couple of years ago and it's still lying around here somewhere... when I get some spare time I'll hook it up to the GPIB card and do a 24-hour survey of the whole band.

Will post the results if I find the source. Thanks for the input, it's appreciated!

-- jm

---

http://www.qsl.net/ke5fx

Note: My E-mail address has been altered to avoid spam
---

225. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 22:43:55 UTC
From: Mark Erbaugh <mark@nospam.microenh.com>
Message-ID: <3a6e09d7$0$1512$6daed22a@news.infinet.com>
Source record: 9462

Rob,

Thanks - the delay wasn't something I'd really considered. Thanks for the tips on DirectX. I hadn't thought of that either, but I was assuming that the core Windows routines would be to slow and bulky for my needs. I was actually thinking of something like RealAudio.

Mark

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn96qihv.p60.nomail@linux.pe1chl.ampr.org...
> Mark Erbaugh <mark@nospam.microenh.com> wrote:
> >I'd like to build a remote radio setup that would consist of a computer
> >controlled radio (TenTec Pegasus) and computer, installed in an enclosure at
> >the base of my tower and connected to a remote computer via Ethernet. I'd
> >like to connect the mic and speaker at the remote computer to a sound card
> >and have the audio digitized and sent over the Ethernet to the computer at
> >the tower where the radio would also be connected to the sound card
>
> >I'm looking for some routines that can be used to provide the D/A and A/D.
> >Since I write programs for Windows for a living, I'm planning on using
> >Windows as the operating platform. I'd like DLLs or OCX's or similar
> >routines. Also, is this approach practical?
>
> When you program for Windows you should be familiar with the APIs available
> from Microsoft and the way to get development software and documention, I
> think... their "multimedia API" (DirectX) should provide everything you
> need.
>
> Of course it is practical. But you should consider that there will be a
> time delay, as at several places the samples are usually manipulated in
> chunks that are to be collected first, then sent over the link and to the
> soundcard at the other end.
> Remember that a delay might not be that much of a problem with halfduplex
> communication, but it will increase the chance that you grab the mike and
> transmit while another station has been doing the same (but you did not yet
> notice).
>
> For duplex or full-breakin CW, any delay will be very disturbing.

>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

226. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-23 23:13:09 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn96s405.p60.nomail@linux.pe1chl.ampr.org>
Source record: 9463

Mark Erbaugh <mark@nospam.microenh.com> wrote:
>Rob,

>Thanks - the delay wasn't something I'd really considered. Thanks for the
>tips on DirectX. I hadn't thought of that either, but I was assuming that
>the core Windows routines would be to slow and bulky for my needs. I was
>actually thinking of something like RealAudio.

>Mark

Don't try anything like RealAudio, the delay will be terrible.
You don't need to compress the audio in any way to send it over ethernet!
Just sample at the rate you like and package it for transmission using a
network protocol. UDP will be used by purists who claim that TCP can
introduce arbitrary retransmission delays, but over a local area net I
would probably use TCP. (no need to worry about possible data loss by
collisions)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

227. SSB logging progra.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 03:17:25 UTC
From: zl2bmh <zl2bmh@free.net.nz>
Message-ID: <980306195.223286@news>
Source record: 9464

Hello All.

Can some person please put me onto a good SSB contest program

many tnx
Jim

228. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 05:21:08 UTC
From: Brad Fisher <bradf52@eartlink.net>
Message-ID: <3A6E6623.21F782E9@eartlink.net>
Source record: 9465

Well, I surely did not intend to create a fuss ... and I don't think I have. I asked a simple question, and after a few replies I believe I have my answer ... it appears to be a government station of some sort operating in a shared bandwidth area.

Thanks to all for the positive and informative information folks.

Paul Keinanen wrote:
>
> I don't understand the fuss about this signal. The HF band is full of
> signals that are not intended for everyone to receive. The 10 MHz band
> is at least in Region 1 a shared allocation in which the fixed service
> is the primary user and radio amateurs are secondary users.
>
> So what you are hearing is most likely some non-amateur station
> communicating with an other non-amateur station.
>
> Paul OH3LWR

--
-= Brad Fisher =- I'm just
internet: bradf52@NOSPAMearthlink.net a
packet: n7xss@NOSPAMn7xss91.ampr.org wanna be
UNIX guru!

229. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 06:13:20 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <7bqs6to7jvm15ersh1ag83eb7j0u1mbk8h@4ax.com>
Source record: 9466

On Tue, 23 Jan 2001 23:13:09 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>UDP will be used by purists who claim that TCP can
>introduce arbitrary retransmission delays,

All station control signals (PTT, frequency setting etc.) should go over TCP, but I would definitely use UDP, if the audio data rate is more than 10 % of the transmission medium throughput. However 64 kbit/s audio over 10 Mbit/s Ethernet is certainly below that.

>but over a local area net I
>would probably use TCP.

The problem with TCP is that it will fill up the transmission frame buffer and at some time (which is not well controlled by the user) decides to send a frame. With Ethernet frames up to 1500 bytes long and a data rate of 8 kbytes/s, it can take up to 180 ms to fill up the buffer, thus, there could be a 180 ms timing jitter for some samples. With 180ms jitter and the buffering of the reception, there will be a 180.. 200 ms delay between the transmitted and received audio.

Depending on the TCP/IP stack parameters, TCP/IP will send out packets before they are completely filled, thus reducing the jitter. From this point of view, it can be an advantage to use a higher sample rates and longer sample lengths than strictly necessary, since it will fill up the buffer faster, thus, triggering the frame transmissions at a higher rate, reducing the jitter between the samples and thus reducing the total audio delay.

In UDP, you can set the number of samples to be transmitted in a single frame from 1 to 1400 samples (or 700 samples if longer samples are used) and have full control of the delay / jitter.

>(no need to worry about possible data loss by
>collisions)

The important thing is to know _if_ samples are missing e.g. by using a counter in the frame, so that you can generate the missing samples by averaging between the last good and next good samples.

Paul OH3LWR

230. Re: Hamscope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 16:19:32 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t6u03jndv5it30@corp.supernews.com>
Source record: 9468

Here is the Hamscope web site:
http://users.mesatop.com/~ghansen/

Regards,

Duffy - WB8NUT

"David Spoelstra" <davids@mediamachine.com> wrote in message
news:Dzy66.76485$36.3200143@news1.rdc1.il.home.com...
> I have seen several people on PSK31 mention that they are running
> "Hamscope". Unfortunately, I have been unable to find it through
searching,
> and I have been unable to catch one of the people on PSK31 to ask them
where
> they got it. Does anyone know where to find Hamscope?
>
> -David N9KT
>
>
>

231. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 16:45:03 UTC
From: Radioguy <radioguy@snet.net>
Message-ID: <3A6F068F.50606@snet.net>
Source record: 9470

> I don't understand the fuss about this signal. The HF band is full of
> signals that are not intended for everyone to receive. The 10 MHz band
> is at least in Region 1 a shared allocation in which the fixed service
> is the primary user and radio amateurs are secondary users.

Who ever said there was a fuss? People have been monitoring UTEs for
years. It's part of the hobby.
Pete

232. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 18:36:22 UTC
From: Juozas Kaskonas <jkas@centras.lt>
Message-ID: <3a6f057b@news.takas.lt>
Source record: 9469

i tried search engine and not just one time, thats for sure ;)
in turn of your help i would like to give you one, but good link about that
stuff.
here it is:
http://www.stack.serpukhov.su/~victor/hamradio/packet/packet.html
now this is what i call a good page, a lot of schematics, and other, faq..
and so on.
tell me what you think about it. i think it is really good.
i found some modems made with FX614, 604 there.
and i think it could be a nice start fo me as a beginner.
i hate pages with commercial stuff, something like 'buy license for
program',
'the PIC microcontroller source code is not for public, BUY IT!' now that
just drives me NUTS!
oh, and that http://www.tapr.org/ doesn't have much info,
just a lot of babbling, nothing more, not even some radio modem schemes.
ok, ok, there are three schematics, but is it enough for the newbie?
i would like something not to complicated, maybe something about
"connecting two standard phoneline modems by receiver/transceiver"
i think you got it. is it possible to use standard modem for that?
i think it is, because telephone line frequency band is really more narrow
than
the one used by standard transceiver/receiver. i think the connection would
be not
less than 56kbps! or is it wrong?
thank you very much for your precious time.
sorry for my english.

Jim Jerzycke <kq6ea@amsat.org> wrote in message
news:3A6CA80B.A582757@amsat.org...
> www.packetradio.org
> Did you even TRY a search engine?

233. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 18:46:19 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a6f06df@news.takas.lt>
Source record: 9471

i tried search engine and not just one time, thats for sure ;)
in turn of your help i would like to give you one, but good link about that
stuff.
here it is:
http://www.stack.serpukhov.su/~victor/hamradio/packet/packet.html
now this is what i call a good page, a lot of schematics, and other, faq..
and so on.
tell me what you think about it. i think it is really good.
i found some modems made with FX614, 604 there.
and i think it could be a nice start fo me as a beginner.
i hate pages with commercial stuff, something like 'buy license for
program',
'the PIC microcontroller source code is not for public, BUY IT!' now that
just drives me NUTS!
oh, and that http://www.tapr.org/ doesn't have much info,
just a lot of babbling, nothing more, not even some radio modem schemes.
ok, ok, there are three schematics, but is it enough for the newbie?
i would like something not to complicated, maybe something about
"connecting two standard phoneline modems by receiver/transceiver"
i think you got it. is it possible to use standard modem for that?
i think it is, because telephone line frequency band is really more narrow
than
the one used by standard transceiver/receiver. i think the connection would
be not
less than 56kbps! or is it wrong?
thank you very much for your precious time.
sorry for my english.

Jim Jerzycke <kq6ea@amsat.org> wrote in message
news:3A6CA80B.A582757@amsat.org...
> www.packetradio.org
> Did you even TRY a search engine?

234. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 18:47:11 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a6f070f@news.takas.lt>
Source record: 9472

dammit, wrong account :)
my brother pisses me off

Juozas Kaskonas <jkas@centras.lt> wrote in message
news:3a6f057b@news.takas.lt...
> i tried search engine and not just one time, thats for sure ;)
> in turn of your help i would like to give you one, but good link about
that
> stuff.
> here it is:
> http://www.stack.serpukhov.su/~victor/hamradio/packet/packet.html
> now this is what i call a good page, a lot of schematics, and other, faq..
> and so on.
> tell me what you think about it. i think it is really good.
> i found some modems made with FX614, 604 there.
> and i think it could be a nice start fo me as a beginner.
> i hate pages with commercial stuff, something like 'buy license for
> program',
> 'the PIC microcontroller source code is not for public, BUY IT!' now that
> just drives me NUTS!
> oh, and that http://www.tapr.org/ doesn't have much info,
> just a lot of babbling, nothing more, not even some radio modem schemes.
> ok, ok, there are three schematics, but is it enough for the newbie?
> i would like something not to complicated, maybe something about
> "connecting two standard phoneline modems by receiver/transceiver"
> i think you got it. is it possible to use standard modem for that?
> i think it is, because telephone line frequency band is really more narrow
> than
> the one used by standard transceiver/receiver. i think the connection
would
> be not
> less than 56kbps! or is it wrong?
> thank you very much for your precious time.
> sorry for my english.
>
>
> Jim Jerzycke <kq6ea@amsat.org> wrote in message
> news:3A6CA80B.A582757@amsat.org...
> > www.packetradio.org
> > Did you even TRY a search engine?
>
>

235. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 19:25:24 UTC
From: Winfield Hill <hill@rowland.org>
Message-ID: <3A6F2C24.5E5965@rowland.org>
Source record: 9473
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

John Miles wrote:
>
> I'm pretty sure it's not an oven, because it's a relatively stable
> signal. (At least in the shot I took, that is. I didn't think to
> zoom down on one of the lobes.)
>
> I just took a picture of the Panasonic 1100W microwave in my kitchen,
> at http://209.95.122.40/jm/uwave.gif. If you look closely you can
> see my 802.11 signal foundering in the swamp of garbage from the
> microwave, at around 45 dB below the oven noise.
>
> (Fun factoid of the day: the microwave and the 802.11 access point
> are both located about the same distance -- 30 feet or so -- from my
> workbench. This suggests that you'll get about 10,000 times the RF
> exposure standing next to a microwave oven, than you would from an
> 802.11-equipped laptop. :) I didn't think ovens leaked that much.)

John, the conventional wisdom is that a microwave oven operating on
FULL is actually on a 50% duty cycle at 60Hz, i.e. powered on half
cycles only. 802.11 modems are supposed to sucessfully sneak their
packets through undisturbed during the quiet 8ms periods. The MAC
chip should make automatic retries until finding the quiet interval.
What have been your observations about this?

BTW, I like the 7470A plotter emulator software, we'd you get it?

Thanks,
- Win

Winfield Hill
Rowland Institute for Science
100 Edwin Land Blvd
Cambridge, MA 02142

236. Re: Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 22:02:16 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A6F50E8.7FAE0B47@dialpoint.net>
Source record: 9474

YOu did not give the country from which you are from. Maybe the UK in
the address is it. I don't have any thing from there, but you may try
searching for the Radio Socity Of Great Britian. For the United states
go to wwww.arrl.org. Every country is differant on what and how to get
an amateur license. Most have some sort of national club to get help
from.

Look here for some softwear that uses the sound card of the computer for
the digital modes.
http://www.muenster.de/%7Ewelp/sb.htm

Paul Scrivens wrote:
>
> Hi, I am totally new to the world of Amateur radio and would like to
> experiment with digital data, such as NAVTEX and Weather charts. I would be
> using programs like, JVFax, JVCOMM, HAMCOMM, RadioRaft and Sky Spy.
>
> First I need a receiver. As I will be doing a lot of interfacing with the PC
> I though the ICOM PCR-1000 would be a good start. Has anyone here got this
> receiver or know if it will be a good receiver for my needs.
>
> Also where would I get good info on amateur radio for beginners? Is there
> any web sites dedicated to the topics?
>
> Thanks for your help
>
> Paul Scrivens

237. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 23:15:37 UTC
From: marsgal42@hotmail.com
Message-ID: <94nnmf$2oo$1@nnrp1.deja.com>
Source record: 9475

In article <3a6f06df@news.takas.lt>,
"[Syst3M]" <Syst3m@xxx.lt> wrote:

> i tried search engine and not just one time, thats for sure ;)

Which search engine?

People routinely post stuff like this, and I'm baffled:
whenever I use any reasonable search engine I get more
information than I know what to do with. For example,
I just tried "packet radio" on hotbot and got 188,000 hits.

If there are dud search engines out there, please tell
which ones so we can avoid them.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

238. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 23:32:19 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3A6F6860.B06@pop.removethistomailme.net>
Source record: 9476
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Winfield Hill wrote:
>
> John, the conventional wisdom is that a microwave oven operating on
> FULL is actually on a 50% duty cycle at 60Hz, i.e. powered on half
> cycles only. 802.11 modems are supposed to sucessfully sneak their
> packets through undisturbed during the quiet 8ms periods. The MAC
> chip should make automatic retries until finding the quiet interval.
> What have been your observations about this?

I can still surf the web OK with the microwave on, but LANEVAL reports zero throughput for some reason. Maybe it tries to keep the wire saturated without backing off to allow the necessary retries... dunno.

There's an option in the Orinoco client software for "interference robustness" that's specifically intended to deal with oven interference. It evidently breaks the packets up into smaller fragments that are more likely to fit into the quiet half-cycle periods. It doesn't seem to help LANEVAL, although I didn't try enabling it at both the client card and access point.

> BTW, I like the 7470A plotter emulator software, we'd you get it?

Thanks! I wrote it to parse the output from my Tek 494P's PLOT? command. That's a fairly-old instrument (Reagan-era eBay special), and it only uses a few basic HPGL commands that were easy to reverse-engineer by looking at a sample plot file. You're welcome to the C source, but it's not likely to work with any instruments besides the 49x analyzers yet.

If I can find a reference for the 7470A somewhere, I'll try to bring the emulator up to date with all of the HPGL commands from that generation. I'd like to use it with my 2430A scope too, but its HPGL output looks much harder to reverse-engineer than the 494's. Font support is going to be a PIA in either case because my (also homebrew) graphics library doesn't do scalable fonts. I'll probably have to switch over to GDI if I go much further with it.

-- jm

---
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam
---

239. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-24 23:43:19 UTC
From: Jorgen Lund-Nielsen <jorgen.lund-nielsen@desy.de>
Message-ID: <3A6F6897.11BE74C3@desy.de>
Source record: 9477
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Winfield Hill wrote:
>

>
> BTW, I like the 7470A plotter emulator software, we'd you get it?
>

Yes, that looks nice, i'm interested, too!

Jorgen
dj0ud

240. HP7470A plotter emulator (was Re: Interference....)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 02:07:58 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3A6F8CDD.4718@pop.removethistomailme.net>
Source record: 9478
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

```
Jorgen Lund-Nielsen wrote:
>
> Winfield Hill wrote:
> >
>
> >
> > BTW, I like the 7470A plotter emulator software, we'd you get it?
> >
>
> Yes, that looks nice, i'm interested, too!
>
> Jorgen
> dj0ud

FYI, I've uploaded the current version of my HPGL plotter emulator to
http://www.qsl.net/ke5fx, with full source.

It will probably take some effort to get it working with anything but
the Tek 492/494/495/496/497 analyzers, but it ought to be better than
nothing as a starting platform. I'll add vector fonts to it as soon as
I can find an HPGL reference of some kind. Suggestions are always
welcome....

-- jm

-------------------------------------------------------
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam
-------------------------------------------------------
```

241. Re: What's this RTTY? signal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 07:26:04 UTC
From: Comm Center <parkhill@blue.lan>
Message-ID: <gyQb6.110206$ge4.39115583@news2.rdc2.tx.home.com>
Source record: 9479

You're not supposed to be able to decode everything you hear.

"Brad Fisher" <bradf52@eartlink.net> wrote
> Well, I surely did not intend to create a fuss ... and I don't think I
> have. I asked a simple question, and after a few replies I believe I
> have my answer ... it appears to be a government station of some sort
> operating in a shared bandwidth area.
>
> Thanks to all for the positive and informative information folks.

242. Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 14:16:23 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <7yJff0B3UDc6EwEH@netro.co.uk>
Source record: 9480
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

I have an internal 100MB ZIP drive that has apparently started to have seek problems -- when running Norton Disk Doctor, the surface check regularly fails around the middle of the disk, and I can hear the head assembly repeatedly clicking as it retries.

I've tried several disks, some fresh, some old, and all exhibit the same problem, so I'm certain it isn't the media.

Unfortunately the drive is held in place by screws that are very difficult to get at, so before I completely disassemble the computer, is there anything else I can do to identify/fix the problem with the drive in situ (e.g. cleaning)?

--
Ian

243. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 14:27:42 UTC
From: Paul <paul@PaulBrewer.org>
Message-ID: <YxOG3VAefDc6Ewgd@thunderbird-sport.freeserve.co.uk>
Source record: 9481
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

In article <7yJff0B3UDc6EwEH@netro.co.uk>, Ian Wade
<ian.wade@netro.co.uk> writes
>I have an internal 100MB ZIP drive that has apparently started to have
>seek problems -- when running Norton Disk Doctor, the surface check
>regularly fails around the middle of the disk, and I can hear the head
>assembly repeatedly clicking as it retries.
>
>I've tried several disks, some fresh, some old, and all exhibit the same
>problem, so I'm certain it isn't the media.
>
>Unfortunately the drive is held in place by screws that are very
>difficult to get at, so before I completely disassemble the computer, is
>there anything else I can do to identify/fix the problem with the drive
>in situ (e.g. cleaning)?
>
No.
--
Paul B

244. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 15:06:38 UTC
From: Tom Gameson <tom.gameson@btinternet.com>
Message-ID: <3A7040FE.67273B89@btinternet.com>
Source record: 9483
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

Ian -
you want to take a look at
http://www.grc.com/clickdeath.htm
if your drive has contracted the 'click of death' you should be able to
get a free
replacement from Iomega
regards
Tom

Ian Wade wrote:

> I have an internal 100MB ZIP drive that has apparently started to have
> seek problems -- when running Norton Disk Doctor, the surface check
> regularly fails around the middle of the disk, and I can hear the head
> assembly repeatedly clicking as it retries.
>
> I've tried several disks, some fresh, some old, and all exhibit the same
> problem, so I'm certain it isn't the media.
>
> Unfortunately the drive is held in place by screws that are very
> difficult to get at, so before I completely disassemble the computer, is
> there anything else I can do to identify/fix the problem with the drive
> in situ (e.g. cleaning)?
>
> --
> Ian

245. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 15:41:13 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a702d9f@news.takas.lt>
Source record: 9482

> Which search engine?

altavista. is it so bad?
well, i don't think that it hotbot is that much better...
anyway thanks for the link.

246. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 16:10:44 UTC
From: FNVF <charles.bulke@wanadoo.fr>
Message-ID: <3A705004.F7E8A4AC@wanadoo.fr>
Source record: 9484
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

Hello
I had quite he same problems on my own Zip drive.
That's a mechanical fault recognized by IOMEGA,fortunately the
equipment was still under warranty and I got it freely replaced by
IOMEGA in Netherlands.
Good Luck
s73 Charles SWL

Ian Wade a ï¿½crit :

> I have an internal 100MB ZIP drive that has apparently started to have
> seek problems -- when running Norton Disk Doctor, the surface check
> regularly fails around the middle of the disk, and I can hear the head
> assembly repeatedly clicking as it retries.
>
> I've tried several disks, some fresh, some old, and all exhibit the same
> problem, so I'm certain it isn't the media.
>
> Unfortunately the drive is held in place by screws that are very
> difficult to get at, so before I completely disassemble the computer, is
> there anything else I can do to identify/fix the problem with the drive
> in situ (e.g. cleaning)?
>
> --
> Ian

247. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 16:15:51 UTC
From: Conor Turton <conor.turton@bigfoot.com>
Message-ID: <MPG.14da6193e62335719897ca@news.claranews.com>
Source record: 9485
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

```
In article <7yJff0B3UDc6EwEH@netro.co.uk>, ian.wade@netro.co.uk says...
> I have an internal 100MB ZIP drive that has apparently started to have
> seek problems -- when running Norton Disk Doctor, the surface check
> regularly fails around the middle of the disk, and I can hear the head
> assembly repeatedly clicking as it retries.
>
>
IOMEGA ZIP Drive "Click of Death" syndrome. Made big news a while back.
Earlier ZIP drives were well known for failing because of this.

--

------------------------
Conor Turton [MCP]
conor.turton@bigfoot.com
ICQ:31909763
------------------------
```

248. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 16:51:07 UTC
From: kickabout <kickabout@ntlworld.com>
Message-ID: <BPYb6.4683$Z%5.109892@news2-win.server.ntlworld.com>
Source record: 9486
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

Conor Turton <conor.turton@bigfoot.com> wrote in message
news:MPG.14da6193e62335719897ca@news.claranews.com...
> In article <7yJff0B3UDc6EwEH@netro.co.uk>, ian.wade@netro.co.uk says...
> > I have an internal 100MB ZIP drive that has apparently started to have
> > seek problems -- when running Norton Disk Doctor, the surface check
> > regularly fails around the middle of the disk, and I can hear the head
> > assembly repeatedly clicking as it retries.
> >
> >
> IOMEGA ZIP Drive "Click of Death" syndrome. Made big news a while back.
> Earlier ZIP drives were well known for failing because of this.
>
I suffered from this initially but manager to source an up to date driver
for the machine and since then i has worked faultlessley.

249. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 17:40:47 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn970p8u.8b3.nomail@linux.pe1chl.ampr.org>
Source record: 9489

[Syst3M] <Syst3m@xxx.lt> wrote:
>> Which search engine?

>altavista. is it so bad?
>well, i don't think that it hotbot is that much better...
>anyway thanks for the link.

Try Google. www.google.com

It is less infested with pornographic junk.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

250. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 18:33:44 UTC
From: Keith Laws <keith@keithlaws.co.uk>
Message-ID: <f2+B6gAIGHc6EwBK@tollhouse.demon.co.uk>
Source record: 9488
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

```
In article <BPYb6.4683$Z%5.109892@news2-win.server.ntlworld.com>,
kickabout <kickabout@ntlworld.com> writes
>Conor Turton <conor.turton@bigfoot.com> wrote in message
>news:MPG.14da6193e62335719897ca@news.claranews.com...
>> IOMEGA ZIP Drive "Click of Death" syndrome. Made big news a while back.
>> Earlier ZIP drives were well known for failing because of this.
>>
> I suffered from this initially but manager to source an up to date driver
>for the machine and since then i has worked faultlessley.
>
>
I remember reading in a magazine that they had had loads of complaints
from PC users, but none from Mac users and suspected it wasnt actually a
hardware problem at all, but software instead.
--
Keith Laws

What's my solution?

....NOISE POLLUTION
```

251. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 18:34:18 UTC
From: QSB@QRM-QRN.net
Message-ID: <slrn970sda.8hf.QSB@animas.frontier.net>
Source record: 9487
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

```
On Thu, 25 Jan 2001 14:16:23 +0000, Ian Wade scribbled:
>I have an internal 100MB ZIP drive that has apparently started to have
>seek problems -- when running Norton Disk Doctor, the surface check
>regularly fails around the middle of the disk, and I can hear the head
>assembly repeatedly clicking as it retries.

Visit Deja.com and search the ng: alt.iomega.zip.jazz for "click".
You're *not* going to like what you find.

Jonesy
--
| Marvin L Jones | jonz | W3DHJ | OS/2
| Gunnison, Colorado | @ | Jonesy | linux __
| 7,703' -- 2,345m | frontier.net | DM68mn SK
```

252. Re: Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 20:26:06 UTC
From: Shane Deering <vk3bvp@vk3bvp.#sev.vic.aus.oc>
Message-ID: <VKBV601574C3@vk3bvp-3.ampr.org>
Source record: 9490

```
>
> Also where would I get good info on amateur radio for beginners? Is there
> any web sites dedicated to the topics?

Google said-
Searched the web for Amateur radio for beginners. Results 1 - 10 of about
10,900. Search took 0.92 seconds.
Searched the web for "Amateur radio for beginners". Results 1 - 10 of
about 39. Search took 0.69 seconds

Don't ask me if any of it is good thougth.

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm
```

253. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 21:46:29 UTC
From: Martin Moore <m_moore@btinternet.com>
Message-ID: <94q6rp$kj5$1@plutonium.btinternet.com>
Source record: 9491
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

"Paul" <paul@PaulBrewer.org> wrote in message
news:YxOG3VAefDc6Ewgd@thunderbird-sport.freeserve.co.uk...
> In article <7yJff0B3UDc6EwEH@netro.co.uk>, Ian Wade
> <ian.wade@netro.co.uk> writes
> >I have an internal 100MB ZIP drive that has apparently started to have
> >seek problems -- when running Norton Disk Doctor, the surface check
> >regularly fails around the middle of the disk, and I can hear the head
> >assembly repeatedly clicking as it retries.
> >
> >I've tried several disks, some fresh, some old, and all exhibit the same
> >problem, so I'm certain it isn't the media.
> >
> >Unfortunately the drive is held in place by screws that are very
> >difficult to get at, so before I completely disassemble the computer, is
> >there anything else I can do to identify/fix the problem with the drive
> >in situ (e.g. cleaning)?
> >
> No.
> --
> Paul B

Sounds like what is known as the Click of Death, which at one time was more
common on early Iomega Zip drives. Try the following lin it may help.

http://www.accesszone.com/clickdeath/index.html

254. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-25 22:00:41 UTC
From: k3ky@erols.spamnocom
Message-ID: <94q7m9$57l$1@bob.news.rcn.net>
Source record: 9492
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

Good advice from Tom. The GRC (Gibson Research Corp.) site is excellent.
If I remember right, the drive may turn out to be OK. It depends. One thing
others did not mention is a free software on the GRC site called "TIP"
(Trouble in Paradise). It will figure out whether the drive or the media are
at fault. The picture does get cloudy, however, if you have both bad media
and a bad drive at the same time. Anyway, read his site. TIP is excellent
and I use it from time to time to check my drive and media. It is well
worth the effort to get it and run it. Takes a while to run, even on the smaller
100M size media, but very informative and definitely worth taking the time
for. 73, David K3KY

In article <3A7040FE.67273B89@btinternet.com>
Tom Gameson <tom.gameson@btinternet.com> wrote:

> Ian -
> you want to take a look at
> http://www.grc.com/clickdeath.htm
> if your drive has contracted the 'click of death' you should be able to
> get a free
> replacement from Iomega
> regards
> Tom
>
> Ian Wade wrote:
>
>> I have an internal 100MB ZIP drive that has apparently started to have
>> seek problems -- when running Norton Disk Doctor, the surface check
>> regularly fails around the middle of the disk, and I can hear the head
>> assembly repeatedly clicking as it retries.
>>
>> I've tried several disks, some fresh, some old, and all exhibit the same
>> problem, so I'm certain it isn't the media.
>>
>> Unfortunately the drive is held in place by screws that are very
>> difficult to get at, so before I completely disassemble the computer, is
>> there anything else I can do to identify/fix the problem with the drive
>> in situ (e.g. cleaning)?
>>
>> --
>> Ian

255. Looking for CS8402A Digital Transmitter chip!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 02:07:46 UTC
From: Brian Huether <bhuether@earthlink.net>
Message-ID: <SZ4c6.8227$13.693916@newsread1.prod.itd.earthlink.net>
Source record: 9493

Anyone know where to buy these things individually as opposed to bulk? I just want a few so I can add digital outs to some audio gear.

-brian

bhuether@earthkink.net

256. Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 02:42:43 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3a70e429$1@news.enetis.net>
Source record: 9494
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Is there a decent packet BBS program available
that will run on a Windows-based PC? If so,
could you please provide any links or suggestions
as to and WHERE it might be found, and WHAT
it is know as?

For reasons not fully explained or understood, we
think we might want to get a little packet activity
going around here again.

Thank you very much for any assistance.

73 de John
(Note that the two operative words "cheap" and
"free" were not used anywhere in the above message)

257. TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 03:04:24 UTC
From: "David J. Moge" <n1rzb@mailops.com>
Message-ID: <3a70e8ab@excalibur.gbmtech.net>
Source record: 9495
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In brief, I have a multi element TV antenna with a amplifier connecting to 4 televisions. The house lot is laid out in such a way that it's very hard to string antennas up with out having them in close proximity to the TV antenna. Cable is not an option. Satellite is possible but would like to keep regular TV antenna.

At Christmas I found a Six Meter rig under the tree.(MFJ 9406 SSB/CW 10 Watts) which my wife gave me. I put up a dipole to try it out and to my surprise it works quite well. With a antenna tuner I have a 1.3:1 SWR.

My wife hasn't stopped yelling at me sense. Every time I key the mike or try out CW the TV's go blank. I have tried a HI PASS filter but that doesn't do much good at all.
My HF rigs cause no problems at all. I do have a good RF ground

WHAT AM I DOING WRONG??? HELP!!!

Any comments and suggestions would be gratefully appreciated.

Thanks

258. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 03:33:41 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A70F015.41C7ECA@junglevision.com>
Source record: 9496
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

```
John Burch wrote:
>
> Is there a decent packet BBS program available
> that will run on a Windows-based PC? If so,
> could you please provide any links or suggestions
> as to and WHERE it might be found, and WHAT
> it is know as?

f6fbb at http://www.f6fbb.org runs in Windows.
I use the Linux version, but I have heard people
run it in Windows on the email reflector.

>
> For reasons not fully explained or understood, we
> think we might want to get a little packet activity
> going around here again.
>
> Thank you very much for any assistance.
>
> 73 de John
> (Note that the two operative words "cheap" and
> "free" were not used anywhere in the above message)
```

259. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 05:07:32 UTC
From: John Ineson <john@sneakerpimp.fsnet.co.uk>
Message-ID: <WgVxOjq3am9EgZW4whYk8KG+=Se8@4ax.com>
Source record: 9497
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

On Thu, 25 Jan 2001 14:16:23 +0000, Ian Wade <ian.wade@netro.co.uk>
wrote:
>I have an internal 100MB ZIP drive that has apparently started to have
>seek problems -- when running Norton Disk Doctor, the surface check
>regularly fails around the middle of the disk, and I can hear the head
>assembly repeatedly clicking as it retries.
>
>I've tried several disks, some fresh, some old, and all exhibit the same
>problem, so I'm certain it isn't the media.
>
>Unfortunately the drive is held in place by screws that are very
>difficult to get at, so before I completely disassemble the computer, is
>there anything else I can do to identify/fix the problem with the drive
>in situ (e.g. cleaning)?

Yeah, percussive maintenance.

But seriously, sounds seriously fscked to me. In or out of situ, I
doubt you'll be able to do anything about it, unless it's still within
warranty.

--
John G Ineson

260. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 06:45:11 UTC
From: w9wi@linux1.localdomain
Message-ID: <slrn97276g.u9d.w9wi@linux1.localdomain>
Source record: 9498
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

On Thu, 25 Jan 2001 18:33:44 +0000, Keith Laws <keith@keithlaws.co.uk> wrote:
>I remember reading in a magazine that they had had loads of complaints
>from PC users, but none from Mac users and suspected it wasnt actually a
>hardware problem at all, but software instead.

I had one fail on a machine at work. (wasn't aware this was a common problem,
but what's described is exactly what happened to ours) The computer was
neither a Mac nor a PC; it was a Chyron TV title generator. (Motorola
68040, I think the OS is called "PSOS". SCSI interface.)
--
Doug Smith W9WI
Pleasant View (Nashville), TN EM66
http://www.w9wi.com
Due to excessive spam, messages from uu.net are deleted unread.

261. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 06:50:34 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <63727t8o1j14hutrsiovp03tbfu9csvg44@4ax.com>
Source record: 9499
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Thu, 25 Jan 2001 22:04:24 -0500, "David J. Moge"
<n1rzb@mailops.com> wrote:

>In brief, I have a multi element TV antenna with a amplifier connecting to 4
>televisions.

Anybody using broadband antenna amplifiers are just asking for
trouble. If it has a frequency response something like 47 .. 860 MHz,
then there is no wonder that it is going to saturate :-).

Are you absolutely sure you need amplification for VHF channels ?
Wouldn't it be sufficient to put a UHF only amplifier directly after
the UHF antenna and just use a passive summing network to connect the
VHF antenna into the downlead ?

If this is not possible, but Band I is not needed (channels 2 .. 6 in
the USA), put a high pass filter around 150 MHz immediately in front
of the preamplifier.

If Band I channels are required, put a 50 MHz notch filter immediately
in front of the amplifier and make sure the amplifier has a good
metallic cabinet so that your transmitted signal does not go directly
into the amplifier.

Paul OH3LWR

262. Re: Iterference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 07:35:18 UTC
From: tony <lindena1@earthlink.net>
Message-ID: <WM9c6.464$k%3.63721@newsread1.prod.itd.earthlink.net>
Source record: 9500
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Here is a link that explains why the interference is probably NOT due to microwave ovens:
http://www.cts.com/browse/solectek/tech-center/tt-microwave.html

I couldn't find a link, but I have seen an article explaining why you should not use 802.11 around fluorescent lights due to interference problems. You might want to explore this possibility (especially if you have a bad ballast).
Tony

John Miles <jmiles@pop.removethistomailme.net> wrote in message news:3A6D45D2.1CAB@pop.removethistomailme.net...
> I've recently been fooling around with some 802.11 wireless Ethernet
> hardware (Lucent Orinoco) at home. It seems to be working well for the
> most part, but I've been seeing severe dropouts on a very occasional
> basis due to the appearance of a fairly-strong interfering signal close
> to where the Lucent hardware operates. Typically the interfering signal
> has been popping up late at night (around 1 AM local time) and lasting
> for only a few minutes before going away. It's not causing any real
> grief but I'm curious where it's coming from.
>
> Last night, the QRM lasted for quite a while, and I managed to catch the
> culprit on my SA. I don't have a portable receiver for this band to
> help track down the signal, but I would be curious if anyone recognizes
> its spectral footprint and can tell me what kind of device to look for.
> I haven't run across anything like this before -- it doesn't look much
> like a microwave oven, and it doesn't look anything like another 802.11
> device.
>
> The signal at http://209.95.122.40/jm/qrm.gif seems to consist of an
> asymmetrical series of decaying sidebands roughly 2.6 MHz wide, starting
> around 2.4615 GHz and taking up about 10 MHz of space at its -6dB
> points. What kind of device is doing this, and who do I yell at to make
> it stop? :)
>
> -- jm
>
> --
> http://www.qsl.net/ke5fx
> Note: My E-mail address has been altered to avoid spam
> --
>

263. MFSK Discussion group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 07:42:11 UTC
From: Bob Raymond <braymond@iea.com>
Message-ID: <nT9c6.11076$1%2.491301@sjc-read.news.verio.net>
Source record: 9401

If you would like to discuss a new MFSK16 calling frequency please join the
MFSKCALLFREQ group
by sending an email to:

MFSKCALLFREQ-subscribe@egroups.com

73

264. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 08:02:27 UTC
From: tony <lindena1@earthlink.net>
Message-ID: <naac6.505$k%3.72303@newsread1.prod.itd.earthlink.net>
Source record: 9402

Paul Keinanen <keinanen@sci.fi> wrote in message
news:7bqs6to7jvm15ersh1ag83eb7j0u1mbk8h@4ax.com...
> On Tue, 23 Jan 2001 23:13:09 GMT, nomail@rob.knoware.nl (Rob Janssen)
> wrote:

> All station control signals (PTT, frequency setting etc.) should go
> over TCP, but I would definitely use UDP, if the audio data rate is
> more than 10 % of the transmission medium throughput. However 64
> kbit/s audio over 10 Mbit/s Ethernet is certainly below that.

The problem with rolling your own VoIP is reconstructing the packets at the
other end so as not to get breaks within words. For an open source library
try http://lumumba.luc.ac.be/jori/jvoiplib/jvoiplib.html

I concur on TCP for all control signals.

Tony

265. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 08:42:59 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn972e4j.8b3.nomail@linux.pe1chl.ampr.org>
Source record: 9403

tony <lindena1@earthlink.net> wrote:
>Paul Keinanen <keinanen@sci.fi> wrote in message
>news:7bqs6to7jvm15ersh1ag83eb7j0u1mbk8h@4ax.com...
>> On Tue, 23 Jan 2001 23:13:09 GMT, nomail@rob.knoware.nl (Rob Janssen)
>> wrote:

>> All station control signals (PTT, frequency setting etc.) should go
>> over TCP, but I would definitely use UDP, if the audio data rate is
>> more than 10 % of the transmission medium throughput. However 64
>> kbit/s audio over 10 Mbit/s Ethernet is certainly below that.

>The problem with rolling your own VoIP is reconstructing the packets at the
>other end so as not to get breaks within words.

Why would you have breaks and what does it matter where they are?

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

266. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 09:47:14 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <u1cqOJAieUc6Ew2c@netro.co.uk>
Source record: 9404
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

In article <94q7m9$57l$1@bob.news.rcn.net>, David Sinclair
<k3ky@erols.spamnocom> writes
>Good advice from Tom. The GRC (Gibson Research Corp.) site is excellent.
>If I remember right, the drive may turn out to be OK. It depends. One thing
>others did not mention is a free software on the GRC site called "TIP"
>(Trouble in Paradise). It will figure out whether the drive or the media are
>at fault. The picture does get cloudy, however, if you have both bad media
>and a bad drive at the same time. Anyway, read his site. TIP is excellent
>and I use it from time to time to check my drive and media. It is well
>worth the effort to get it and run it. Takes a while to run, even on the smaller
>100M size media, but very informative and definitely worth taking the time
>for. 73, David K3KY
>

Thanks David. I downloaded TIP and tried to run it, but it doesn't
support my type of drive. However, as the machine has never been
connected to the Internet, I doubt it has anything to do with Click of
Death.

The more likely cause of the problem is that I recently got into the
habit of leaving the ZIP cartridge in place during power-down and power-
up. I discovered when reading the ZIP drive manual yesterday that I'm
not supposed to do this. So, as the drive is several years old and well
out of warranty, I'm going to have to bite the bullet and buy a new one.

Ian

267. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 10:29:51 UTC
From: Conor Turton <conor.turton@bigfoot.com>
Message-ID: <MPG.14db61f564c3ce439897e2@news.claranews.com>
Source record: 9405
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

In article <u1cqOJAieUc6Ew2c@netro.co.uk>, ian.wade@netro.co.uk says...
> Thanks David. I downloaded TIP and tried to run it, but it doesn't
> support my type of drive. However, as the machine has never been
> connected to the Internet, I doubt it has anything to do with Click of
> Death.
>
What has being connected to the internet got to do with a hardware
failure? Its like saying "Well the tyre on the car can't be flat because
I've never taken it into Outer Space." LOL

--

_____
Conor Turton [MCP]
conor.turton@bigfoot.com
ICQ:31909763
_____

268. ICOM PCR1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 11:40:57 UTC
From: Paul Scrivens <Paul.Scrivens@freeuk.com>
Message-ID: <BEDc6.5901$wq.705866@nnrp3.clara.net>
Source record: 9432
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.hf,alt.radio.digital,rec.radio.amateur.digital.misc

Does the software for this PC radio work in Windows 2000?

Does anyone own one of these receivers?

Is it any good?

Where can I get a cheap one

Cheers

Paul Scrivens (UK)

269. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 12:10:10 UTC
From: Steve Sampson <k5okc-nospam@home.com>
Message-ID: <COdc6.116818$ge4.41197926@news2.rdc2.tx.home.com>
Source record: 9407

"Rob Janssen" <nomail@rob.knoware.nl> wrote
> tony <lindena1@earthlink.net> wrote:
> >Paul Keinanen <keinanen@sci.fi> wrote
> >> nomail@rob.knoware.nl (Rob Janssen) wrote:
>
> >> All station control signals (PTT, frequency setting etc.) should go
> >> over TCP, but I would definitely use UDP, if the audio data rate is
> >> more than 10 % of the transmission medium throughput. However 64
> >> kbit/s audio over 10 Mbit/s Ethernet is certainly below that.
>
> >The problem with rolling your own VoIP is reconstructing the packets
> >at the other end so as not to get breaks within words.
>
> Why would you have breaks and what does it matter where they are?

On a heavily loaded network you may not have even 10% available for
real-time audio. As errors go up, packets are discarded, and quality goes
down.

It doesn't matter where the errors are.

For voice, it probably doesn't matter that you have poor quality, and still
be
able to decode what's being transmitted. This shouldn't be the goal though.

270. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 12:30:35 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <05ec6.2860$Uo2.3387@newsfeed.slurp.net>
Source record: 9408
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

> If Band I channels are required, put a 50 MHz notch filter
immediately
> in front of the amplifier .....

You can make a good inexpensive notch filter by placing a 1/4 wave (on your 6M operating frequency) long piece of coax, shorted on the far end, across the input to the amplifier.

271. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 12:46:19 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a7156c2@news.takas.lt>
Source record: 9406

thank you very much, but what about my question?
i asked if i could use two standard modems hooked up to transceivers?
i have some sort of schematics how to do it. but it says how two faxes
can be connected. should i try it?
of course i can send the schematics if some of you want.
so does anybody need it? or interested? i expect just a little bit of help.
thank you so much.

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn970p8u.8b3.nomail@linux.pe1chl.ampr.org...
> [Syst3M] <Syst3m@xxx.lt> wrote:
> >> Which search engine?
>
> >altavista. is it so bad?
> >well, i don't think that it hotbot is that much better...
> >anyway thanks for the link.
>
> Try Google. www.google.com
>
> It is less infested with pornographic junk.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

272. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 14:02:47 UTC
From: Mike <m.j.willis@rl.ac.uk>
Message-ID: <94s029$ico@newton.cc.rl.ac.uk>
Source record: 9409
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Bob Lewis <rlewis@staffnet.com> wrote in message
news:05ec6.2860$Uo2.3387@newsfeed.slurp.net...
> > If Band I channels are required, put a 50 MHz notch filter
> immediately
> > in front of the amplifier .....
>
> You can make a good inexpensive notch filter by placing a 1/4 wave (on
> your 6M operating frequency) long piece of coax, shorted on the far
> end, across the input to the amplifier.

What good will that do ? I thought a 1/4 wave translated a short to an open.

>
>
>

273. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 14:22:00 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <94s15vmug1@nnrp1.deja.com>
Source record: 9410
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

In article <3a70e8ab@excalibur.gbmtech.net>,
"David J. Moge" <n1rzb@netzero.nte> wrote:
my
With a antenna tuner I have a 1.3:1 SWR.
>
>
>
What is your SWR without the tuner?
All the suggestions I just read are good. Especially the Amplifier
part and the stub idea.

Try getting the swr nice and flat without a tuner.

There is NO REASON a tuner should be needed on a 1/2 wave coaxial fed
dipole. Unless your operating way off its frequency. And if you are,
that in itself will contribute to the TVI problem.

--
"Just tellin the truth, and they cain't stand it."

Sent via Deja.com
http://www.deja.com/

274. Re: Looking for CS8402A Digital Transmitter chip!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 14:56:22 UTC
From: Dale Jenkins <djenkins@amcoas.com>
Message-ID: <0t337t45kbk592s2au3c0ge8obmprhu50c@4ax.com>
Source record: 9411

Brian,
Try asking the manufacture for some samples for a project you are
working on. You never know!!

Watch what you ask for you might just get it!!
Dale

On Fri, 26 Jan 2001 02:07:46 GMT, "Brian Huether"
<bhuether@earthlink.net> wrote:

>Anyone know where to buy these things individually as opposed to bulk? I
>just want a few so I can add digital outs to some audio gear.
>
>-brian
>
>bhuether@earthkink.net
>

275. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 16:40:26 UTC
From: DJ6JZ <DJ6JZ@compuserve.de>
Message-ID: <3a71d3ef_1@news.arcor-ip.de>
Source record: 9417

<marsgal42@hotmail.com> schrieb in im Newsbeitrag:
94nnmf$2oo$1@nnrp1.deja.com...
> In article <3a6f06df@news.takas.lt>,
> "[Syst3M]" <Syst3m@xxx.lt> wrote:

> People routinely post stuff like this, and I'm baffled:
> whenever I use any reasonable search engine I get more
> information than I know what to do with. For example,
> I just tried "packet radio" on hotbot and got 188,000 hits.

Laura, I do not think such a high number of results does have to mean quality. Every URL without any connection to the search in question simply is wasted time. How many of the users would search through to hit number 188,000?
;-)

I prefer less hits. No junk. So does my search engine, for radio amateurs and short wave listeners. "Only" 21,000 links in total. Within 62 categories.
The "only" 62 links you get when searching for packet, will keep you busy for a while, I guess.
And even one link that does not offer what the description says, is worth a notice to me.

BTW: The site got the Radio Netherlands Media Network Millenium Innovation Award in 2000.

73, enjoy the hobby.
Willi, DJ6JZ
http://www.radio-portal.org

276. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 16:51:07 UTC
From: QSB@QRM-QRN.net
Message-ID: <slrn973anr.3m7.QSB@animas.frontier.net>
Source record: 9412
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

```
On Fri, 26 Jan 2001 07:30:35 -0500, Bob Lewis scribbled:
>> If Band I channels are required, put a 50 MHz notch filter
>immediately
>> in front of the amplifier .....
>
>You can make a good inexpensive notch filter by placing a 1/4 wave (on
>your 6M operating frequency) long piece of coax, shorted on the far
>end, across the input to the amplifier.

*OPEN* on the far end!

Best use a piece of 'large' coax. I've used 3/4" cable TV hardline.
It's notch is wide enough that you should cut it low in freq. to keep
from killing any TV2 signal. Cut it for 49 - maybe 48 mcs --- you
can always cut long coax shorter, but you can't cut short coax longer.

Jonesy
--
| Marvin L Jones | jonz | W3DHJ | OS/2
| Gunnison, Colorado | @ | Jonesy | linux __
| 7,703' -- 2,345m | frontier.net | DM68mn SK
```

277. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 16:57:11 UTC
From: marsgal42@hotmail.com
Message-ID: <94sa91$3k$1@nnrp1.deja.com>
Source record: 9413

In article <3a7156c2@news.takas.lt>,
"[Syst3M]" <Syst3m@xxx.lt> wrote:
> thank you very much, but what about my question?
> i asked if i could use two standard modems hooked up to transceivers?
> i have some sort of schematics how to do it. but it says how two faxes
> can be connected. should i try it?
> of course i can send the schematics if some of you want.
> so does anybody need it? or interested? i expect just a little bit of
help.

If by "standard modem" you mean a telephone dialup modem,
no, it won't work.

I tried searching altavista for packet radio and got a
huge number of responses, almost all of them useful.
Please remember that information doesn't grow on the
Internet by magic; somebody must place it there, and they
must have a reason to do so. If you don't find the
information you seek, you should put it there yourself.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

278. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 17:25:48 UTC
From: helpfull@my-deja.com
Message-ID: <94sbug$1jd$1@nnrp1.deja.com>
Source record: 9415
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Search for WinPack ! It's free to try and unblocked. It also can use
AGW (soundcard) Packet Engine. Let me know if you need help ajusting
it's settings.

AGWPE can be used with Baypac and regular TNC's too.

73

In article <3a70e429$1@news.enetis.net>,
"John Burch" <occupant@enetis.net> wrote:
> Is there a decent packet BBS program available
> that will run on a Windows-based PC? If so,
> could you please provide any links or suggestions
> as to and WHERE it might be found, and WHAT
> it is know as?
>
> For reasons not fully explained or understood, we
> think we might want to get a little packet activity
> going around here again.
>
> Thank you very much for any assistance.
>
> 73 de John
> (Note that the two operative words "cheap" and
> "free" were not used anywhere in the above message)
>
>

Sent via Deja.com
http://www.deja.com/

279. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 17:39:07 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <63a37tcq80ho1indg6aerkfd693bdo1e8d@4ax.com>
Source record: 9414
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Fri, 26 Jan 2001 07:30:35 -0500, "Bob Lewis" <rlewis@staffnet.com>
wrote:

>You can make a good inexpensive notch filter by placing a 1/4 wave (on
>your 6M operating frequency) long piece of coax, shorted on the far
>end, across the input to the amplifier.

Make that 1/2 wave and you might see a notch :-) on that frequency
(and remembering to compensate for the velocity factor) if you are
using shorted stubs.

A 1/4 wave _open_ stub could also be used, but it is harder to tune.

280. 19k2 TEKKs in SoCal? (SCDCC RIP)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 19:12:42 UTC
From: horseshoestew@my-deja.com
Message-ID: <94si72$7nk$1@nnrp1.deja.com>
Source record: 9416

Is there a "coordinated" frequency for running 19,200bps data in SoCal - specifically San Diego. What bandwidth do the TEKKs require when running at 19,200bps? 50Khz?

Now that the SCDCC has gone belly-up, is there a coordinating body in SoCal that gives a rat's ass about digital applications?

Here were the latest SCDCC "coordinated" band plans for the usable part of 70cm(my understanding that the lower part of the band is useless because of RADAR):

438.950 S 20K0 F2D 9600 Baud - TCP/IP - Los Angeles (Malibu - Torrance)
438.975 S 20K0 F2D 9600 Baud - General Use
439.000 S 20K0 F2D 9600 Baud - AX.25 BBS Mail - Ventura-LA-Las Vegas Fwd
439.025 S 20K0 F2D 9600 Baud - TCP/IP & Net/ROM Nodes
439.050 S 20K0 F2D 9600 Baud - AX.25 BBS Mail - San Diego "MetroLINK" LAN
439.070 S 15K0 F3D 1200 Baud - General Use

If I set up a link with two 19,200bps-modified 5W KS900Ls using directional beams on 439.975 between SDSU area and the Intl. Border - would anybody care?

Stussy - why didn't you tell me they were REALLY going to disband SCDCC, I would have gone to the meeting! Can't we resurrect this beast?

------- Stewart - N0MHS --------
Wireless Entertainment/Communication Devices, Networks, and Public Radio Services Information(MURS,FRS,GMRS,ARS,CB):
http://www.pubcel.com

Sent via Deja.com
http://www.deja.com/

281. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 20:03:31 UTC
From: Chuck Parsons <Chuck@CatenaryScientific.com>
Message-ID: <3A71D813.31590B55@CatenaryScientific.com>
Source record: 9418
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

Winfield Hill wrote:

> John, the conventional wisdom is that a microwave oven operating on
> FULL is actually on a 50% duty cycle at 60Hz, i.e. powered on half
> cycles only. 802.11 modems are supposed to sucessfully sneak their
> packets through undisturbed during the quiet 8ms periods. The MAC
> chip should make automatic retries until finding the quiet interval.
> What have been your observations about this?
>

At least one "commercial" oven I turned into a plasma excitor was full wave rectified. I'm sure because the filter caps and linear regulator I added had very limited margin. The oven was just a little beefier like you might find in a vending area, Amana I think.

No doubt what you describe is the norm, but it could be kind of ugly on the power factor if a Motel hooked all their microwaves on the same side of the incoming power circuit ;-)

Chuck

282. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 21:59:33 UTC
From: sparta@freeuk.KEIN-SPAM.BITTE.net
Message-ID: <3a71f1a8.130267@news.freeuk.net>
Source record: 9419
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

On Thu, 25 Jan 2001 18:33:44 +0000, Keith Laws <keith@keithlaws.co.uk> wrote:

>In article <BPYb6.4683$Z%5.109892@news2-win.server.ntlworld.com>,
>kickabout <kickabout@ntlworld.com> writes
>>Conor Turton <conor.turton@bigfoot.com> wrote in message
>>news:MPG.14da6193e62335719897ca@news.claranews.com...
>>> IOMEGA ZIP Drive "Click of Death" syndrome. Made big news a while back.
>>> Earlier ZIP drives were well known for failing because of this.
>>>
>> I suffered from this initially but manager to source an up to date driver
>>for the machine and since then i has worked faultlessley.
>>
>>
>I remember reading in a magazine that they had had loads of complaints
>from PC users, but none from Mac users and suspected it wasnt actually a
>hardware problem at all, but software instead.
>--
>Keith Laws
>
>What's my solution?

Buy a new Zip drive. That's what I had to do. Mine was made by
Panasonic and failed after 2 years.

The software which came with the replacement I bought attempts
to solve the problem (mentioned in another post) of leaving
media in the drive, by ejecting the disc when you close down
Windows.

Another problem with leaving discs in the drive is that
Windows '98 will often swop the drive letters around at
random on booting. Particularly if you have two partitions on
the HD, a CD-R/W and a RamDisc. A real pain for the forgetful.
Fixing the drive letters in Device Mananger achieves nothing.

--

____
73 de G4RGA, nordland@line one.net
George Dubya Bushisms No 3:
'Is our children learning?'
Rallies: http://website.lineone.net http://www.netcomuk.co.uk

283. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 21:59:34 UTC
From: sparta@freeuk.KEIN-SPAM.BITTE.net
Message-ID: <3a71f1a1.123897@news.freeuk.net>
Source record: 9420
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

On Fri, 26 Jan 2001 06:45:11 GMT, w9wi@linux1.localdomain () wrote:

>On Thu, 25 Jan 2001 18:33:44 +0000, Keith Laws <keith@keithlaws.co.uk> wrote:
>>I remember reading in a magazine that they had had loads of complaints
>>from PC users, but none from Mac users and suspected it wasnt actually a
>>hardware problem at all, but software instead.
>
>I had one fail on a machine at work. (wasn't aware this was a common problem,
>but what's described is exactly what happened to ours) The computer was
>neither a Mac nor a PC; it was a Chyron TV title generator. (Motorola
>68040, I think the OS is called "PSOS". SCSI interface.)

When I 'phoned Iomega about this failure mode, they pretended
never to have heard of it!

--
____
73 de G4RGA, nordland@line one.net
George Dubya Bushisms No 3:
'Is our children learning?'
Rallies: http://website.lineone.net http://www.netcomuk.co.uk

284. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 22:28:32 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <BRmc6.3295$Uo2.5462@newsfeed.slurp.net>
Source record: 9421
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

> What good will that do ? I thought a 1/4 wave translated a short to
an open.
>
Ooops - I should have said open on the far end - that will cause a low
impedance at the amp input for the 6 meter frequency.

285. Re: 19k2 TEKKs in SoCal? (SCDCC RIP)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-26 23:08:58 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10101262302130.10184-100000@exp.bde-arc.ampr.org>
Source record: 9422

On Fri, 26 Jan 2001 horseshoestew@my-deja.com wrote:
> Is there a "coordinated" frequency for running 19,200bps data in SoCal -
> specifically San Diego. What bandwidth do the TEKKs require when
> running at 19,200bps? 50Khz?
>
> Now that the SCDCC has gone belly-up, is there a coordinating body in
> SoCal that gives a rat's ass about digital applications?
>
> Here were the latest SCDCC "coordinated" band plans for the usable part
> of 70cm(my understanding that the lower part of the band is useless
> because of RADAR):
>
> 438.950 S 20K0 F2D 9600 Baud - TCP/IP - Los Angeles (Malibu - Torrance)
> 438.975 S 20K0 F2D 9600 Baud - General Use
> 439.000 S 20K0 F2D 9600 Baud - AX.25 BBS Mail - Ventura-LA-Las Vegas
> Fwd
> 439.025 S 20K0 F2D 9600 Baud - TCP/IP & Net/ROM Nodes
> 439.050 S 20K0 F2D 9600 Baud - AX.25 BBS Mail - San Diego "MetroLINK"
> LAN
> 439.070 S 15K0 F3D 1200 Baud - General Use
>
> If I set up a link with two 19,200bps-modified 5W KS900Ls using
> directional beams on 439.975 between SDSU area and the Intl. Border -
> would anybody care?
>
> Stussy - why didn't you tell me they were REALLY going to disband
> SCDCC, I would have gone to the meeting! Can't we resurrect this beast?

The disbanding motion WAS ON THE AGENDA which was posted on the SCDCC's web site about 2 months before the meeting, in addition to being documented in past general meetings' minutes (where it repeatedly failed). All I can say is that the public had notice yet NO ONE CARED to show up (beyond those who actually did) and that it did NOT pass unanimously.

As for use of those frequencies, SCRRBA was also a party to that part of the bandplan. However, I will concur (as an individual) that if there is no objection to such operation within 3 months after it starts and your signal is within the bandwidth specified, go for it.

286. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 00:30:51 UTC
From: Martin John Hallsworth <Martin@g1gyc.demon.co.uk>
Message-ID: <980555726.28978.0.nnrp-13.9e98acde@news.demon.co.uk>
Source record: 9423
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

>A 1/4 wave _open_ stub could also be used, but it is harder to tune.
>
Why ?
I would have thought that cutting coax stubs is as easy / hard for
1/2 wave as it is for a 1/4 wave !!

Martin

287. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 00:35:09 UTC
From: Martin John Hallsworth <Martin@g1gyc.demon.co.uk>
Message-ID: <980555727.28978.1.nnrp-13.9e98acde@news.demon.co.uk>
Source record: 9424
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

>There is NO REASON a tuner should be needed on a 1/2 wave coaxial fed
>dipole. Unless your operating way off its frequency. And if you are,
>that in itself will contribute to the TVI problem.
>

Try feeding the dipole so that it has balanced RF current.
use a Balun or make a pawsee stub at the feed point
a Dipole if cut right is about 70 ohms so SWR 1:1.3 is about
OK with no tuner (the PA in the rig should handle this with out
shutting down)

73 Martin

288. TVI 6 METERS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 00:55:45 UTC
From: "David J. Moge" <n1rzb@mailops.com>
Message-ID: <3a72d6e0@excalibur.gbmtech.net>
Source record: 9430

In brief, I have a multi element TV antenna with a amplifier connecting to 4 televisions. The house lot is laid out in such a way that it's very hard to string antennas up with out having them in close proximity to the TV antenna. Cable is not an option. Satellite is possible but would like to keep regular TV antenna.

At Christmas I found a Six Meter rig under the tree.(MFJ 9406 SSB/CW 10 Watts) which my wife gave me. I put up a dipole to try it out and to my surprise it works quite well. With a antenna tuner I have a 1.3:1 SWR.

My wife hasn't stopped yelling at me sense. Every time I key the mike or try out CW the TV's go blank. I have tried a HI PASS filter but that doesn't do much good at all.
My HF rigs cause no problems at all. I do have a good RF ground

WHAT AM I DOING WRONG??? HELP!!!

Any comments and suggestions would be gratefully appreciated.

Thanks
DAVE, N1RZB

289. Re: Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 01:07:57 UTC
From: rn822706@aol.com
Message-ID: <20010126200757.03182.00001304@ng-cu1.aol.com>
Source record: 9425

tellme name your town by email -ill get you addressof local club gm0ltq

290. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 01:52:05 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <jn947tgeerv80170aledokc84r4s9ibrs3@4ax.com>
Source record: 9426
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Sat, 27 Jan 2001 00:30:51 -0000, "Martin John Hallsworth"
<Martin@g1gyc.demon.co.uk> wrote:

>>A 1/4 wave _open_ stub could also be used, but it is harder to tune.

>Why ?

Sticking a needle through the shield and the centre conductor is a
reversible operation, cutting the coax is not a reversible operation.

291. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 02:00:49 UTC
From: marsgal42@hotmail.com
Message-ID: <94ta4e$t8q$1@nnrp1.deja.com>
Source record: 9427

In article <3a71d3ef_1@news.arcor-ip.de>,
"DJ6JZ" <DJ6JZ@compuserve.de> wrote:
> <marsgal42@hotmail.com> schrieb in im Newsbeitrag:
> 94nnmf$2oo$1@nnrp1.deja.com...
> > In article <3a6f06df@news.takas.lt>,
> > "[Syst3M]" <Syst3m@xxx.lt> wrote:
>
> > People routinely post stuff like this, and I'm baffled:
> > whenever I use any reasonable search engine I get more
> > information than I know what to do with. For example,
> > I just tried "packet radio" on hotbot and got 188,000 hits.
>
> Laura, I do not think such a high number of results does have
> to mean quality. Every URL without any connection to the
> search in question simply is wasted time...

True. I never implied otherwise.

However, the very first hit on both hotbot and altavista is
TAPR. If you can't find what you want there you are probably
looking for the wrong thing. Or just don't know what you're
looking for at all.

TAPR is followed by many pages of packet radio-related
hits before you start hitting pages about cigarette packets
and radio stations.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

292. Re: Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 02:03:46 UTC
From: marsgal42@hotmail.com
Message-ID: <94ta9uthh1@nnrp1.deja.com>
Source record: 9428

In article <QTxb6.194689$eT4.17058543@nnrp3.clara.net>,
"Paul Scrivens" <Paul.Scrivens@freeuk.com> wrote:

> Also where would I get good info on amateur radio for
> beginners? Is there any web sites dedicated to the topics?

http://www.rsgb.org (assuming "freeuk" is significant)
http://www.arrl.org

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

293. Re: Interference to 802.11 LAN on 2.4 GHz band - does this ring a bell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 02:18:14 UTC
From: gwalpert@netaxs.com
Message-ID: <94tb0v$n24@netaxs.com>
Source record: 9429
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,sci.electronics.design

In article <3A71D813.31590B55@CatenaryScientific.com>, Chuck Parsons
<Chuck@CatenaryScientific.com> wrote:
>Winfield Hill wrote:>
>> John, the conventional wisdom is that a microwave oven operating on
>> FULL is actually on a 50% duty cycle at 60Hz, i.e. powered on half
>> cycles only. 802.11 modems are supposed to sucessfully sneak their
>> packets through undisturbed during the quiet 8ms periods. The MAC
>> chip should make automatic retries until finding the quiet interval.
>> What have been your observations about this?
>>
> At least one "commercial" oven I turned into a plasma excitor was full
>wave rectified. I'm sure because the filter caps and linear regulator I
>added had very limited margin. The oven was just a little beefier like you
>might find in a vending area, Amana I think.
>
> No doubt what you describe is the norm, but it could be kind of ugly on
>the power factor if a Motel hooked all their microwaves on the same side of
>the incoming power circuit ;-)

As I recall it, the roughly 50% duty factor of microwave oven radiation is not
due to half wave rectification, but due to lack of any filter on the rectified
HV supply. The magnetron only fires when the voltage exceeds some fairly high
threshold, so it is quiet near the zero crossings of transformer output.

Glen Walpert

294. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 12:08:38 UTC
From: Alan <tille1@ironbark.bendigo.latrobe.edu.au>
Message-ID: <3A72BA46.5B6AC32E@ironbark.bendigo.latrobe.edu.au>
Source record: 9434
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi

Cutting a stub to the correct length is like playing Russian roulette.
The alternative is to cut the stub shorter than the calculated length
either quarter or half wave and use a small trimmer capacitor. Use one on
the input to the Amp and one on the out put as well. My experience
suggest that most on the damage occurs in the TV set mixer.
you can locate a stub if necessary at the TV set as well. I have had a
good results with co ax and trimmer it is very easy tune. After a while
you can simply guess the length of coax and tune the trimmer.
Regards Alan
VK3ry

Martin John Hallsworth wrote:

> >A 1/4 wave _open_ stub could also be used, but it is harder to tune.
> >
> Why ?
> I would have thought that cutting coax stubs is as easy / hard for
> 1/2 wave as it is for a 1/4 wave !!
>
> Martin

295. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 17:23:41 UTC
From: KC8JBO <roger_kc8jbo@my-deja.com>
Message-ID: <94v06o$1pj$1@nnrp1.deja.com>
Source record: 9431
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"David J. Moge" <n1rzb@mailops.com> wrote in message
news:3a72d6e4@excalibur.gbmtech.net...
> In brief, I have a multi element TV antenna with a amplifier
connecting to 4
> televisions. The house lot is laid out in such a way that it's very
hard to
> string antennas up with out having them in close proximity to the TV
> antenna. Cable is not an option. Satellite is possible but would like
to
> keep regular TV antenna.
>
> At Christmas I found a Six Meter rig under the tree.(MFJ 9406 SSB/CW
10
> Watts) which my wife gave me. I put up a dipole to try it out and to
my
> surprise it works quite well. With a antenna tuner I have a 1.3:1 SWR.
>
> My wife hasn't stopped yelling at me sense. Every time I key the mike
or try
> out CW the TV's go blank. I have tried a HI PASS filter but that
doesn't do
> much good at all.
> My HF rigs cause no problems at all. I do have a good RF ground
>
> WHAT AM I DOING WRONG??? HELP!!!
>
> Any comments and suggestions would be gratefully appreciated.
>
> Thanks
> DAVE, N1RZB

Dave, the 6 meter band's fundemental frequencies fall close to the
video portion of the television
signal. Plus, you're probably experiencing what is known as fundemental
overload. Your tv's are
acting like a receiver for your nearby 6 meter transmission. The tv's
don't have the proper
filtering to filter it outand reject that signal. The FCC sees Amateur
to non-amateur interference as not necessarily the fault of the
amateur. Usually, it's the fault of the manufacturer of the consumer
electronic device for not puttting in the proper filters and shields.
If there are no supurious emissions
from your station, then fundemental overload is the culprit. The ARRL

RFI book may give you some ideas on fixing the problem.
Did you try choke filters ont he tv(s)? That amplifier may be letting
in extra signals, too.
Good luck.

--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com
http://www.deja.com/

296. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-27 19:54:27 UTC
From: Michael Kennedy <info@kennedysoftware.ie>
Message-ID: <2NFc6.12580$s4.6915@news.indigo.ie>
Source record: 9433
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

Jim,

Re COD: my advice - visit Steve Gibson's site (www.grc.com) and look for his extensive notes on this COD problem. He also has (definitely HAD) a test program in there, to see how your ZIP drive is running...

Re Iomega: I think the Iomega folks are trained to "not know" <g>. However, not only do they know, but, as far as I recall, some of the big guns in Iomega have promised that every COD problem drive will be replaced, anywhere, AT NO COST, and irrespective of warranty periods.

- Mike

"JimD" <sparta@freeuk.KEIN-SPAM.BITTE.net> wrote in message news:3a71f1a1.123897@news.freeuk.net...
> On Fri, 26 Jan 2001 06:45:11 GMT, w9wi@linux1.localdomain () wrote:
>
> >On Thu, 25 Jan 2001 18:33:44 +0000, Keith Laws <keith@keithlaws.co.uk> wrote:
> >>I remember reading in a magazine that they had had loads of complaints
> >>from PC users, but none from Mac users and suspected it wasnt actually a
> >>hardware problem at all, but software instead.
> >
> >I had one fail on a machine at work. (wasn't aware this was a common problem,
> >but what's described is exactly what happened to ours) The computer was
> >neither a Mac nor a PC; it was a Chyron TV title generator. (Motorola
> >68040, I think the OS is called "PSOS". SCSI interface.)
>
> When I 'phoned Iomega about this failure mode, they pretended
> never to have heard of it!
>
> --
> ____
> 73 de G4RGA, nordland@line one.net
> George Dubya Bushisms No 3:
> 'Is our children learning?'
> Rallies: http://website.lineone.net http://www.netcomuk.co.uk

297. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 04:25:08 UTC
From: Juandi EB7FQP <juandi34@terra.es>
Message-ID: <EaNc6.11186$6m6.270319@telenews.teleline.es>
Source record: 9435
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Look That http://www.cix.co.uk/~ntsx/downloadv3.htm.... the best PMS !!!!!

"John Burch" <occupant@enetis.net> escribi&#65533; en el mensaje
news:3a70e429$1@news.enetis.net...
> Is there a decent packet BBS program available
> that will run on a Windows-based PC? If so,
> could you please provide any links or suggestions
> as to and WHERE it might be found, and WHAT
> it is know as?
>
> For reasons not fully explained or understood, we
> think we might want to get a little packet activity
> going around here again.
>
> Thank you very much for any assistance.
>
> 73 de John
> (Note that the two operative words "cheap" and
> "free" were not used anywhere in the above message)
>
>
>
>

298. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 11:31:08 UTC
From: Ian Jackson <ianjackson@g3ohx.demon.co.uk>
Message-ID: <OjqjFAA8LAd6Ewah@g3ohx.demon.co.uk>
Source record: 9436
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <jn947tgeerv80170aledokc84r4s9ibrs3@4ax.com>, Paul Keinanen <keinanen@sci.fi> writes
>On Sat, 27 Jan 2001 00:30:51 -0000, "Martin John Hallsworth" ><Martin@g1gyc.demon.co.uk> wrote:
>
>
>>>A 1/4 wave _open_ stub could also be used, but it is harder to tune.
>
>>Why ?
>
>Sticking a needle through the shield and the centre conductor is a
>reversible operation, cutting the coax is not a reversible operation.
>
>
Let us assume that the interference is really being caused by your very strong 50MHz signal getting into the antenna amplifier via the input connection (I'm sure that this will be the main cause, but it may not be the only problem). However, what you essentially want is lots of attenuation 50 - 52MHz, and as little as possible elsewhere. However....

Using coaxial stubs CAN be very effective, but there are several serious problems with simply adding a simple o/c quarterwave or s/c halfwave stub across the input of the wideband amplifier. These include:
1. The width of the notch will be so wide (even with the lowest-loss coax you can find) that you will also kill the TV low-band (Ch2 - 55.25MHz - will, of course be the worst affected).
2. As well as having a notch on 50MHz, here will be notches at odd multiples of 50MHz (if quarterwave) and all multiples (if halfwave). This may make a bit of a mess of several other TV channels.

The obvious solution to the width problem is to make the notch narrower. With stubs, you can do this by cascading similar stubs, each separated by a quarterwave of coax. This will also greatly increase the depth of the notch. A single stub will give you a notch of 25 to 30dB, and two stubs will increase this to nearly 60dB (I doubt if you'll need anything like this). However, this will not change the 'harmonic suck' effect (although these sucks will also be narrower).

You cannot eliminate the multiple harmonic sucks, but you can move them around so that they do not fall on those frequencies which you want to receive. You can do this (for example) by adding capacitors or inductors in the appropriate places (I won't go into this here).

You will probably be better off with a circuit using only capacitors and inductors. However, there will need to be more to it than the simple equivalent of a single coax stub. I have a typical circuit in mind, but you would have to calculate the values or do some 'jiggling' to values obtained by means of 'inspired guesswork'!

Having said all this, I'm sure that you are not the only one having trouble with 6m hitting TV (antenna amplifier or not). I wouldn't be surprised if there are several off-the-shelf filters which are purpose-made, and don't cost too much. If not, let me know - I'll move to the USA and set up in business!

73,
Ian.

299. Re: ICOM PCR1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 12:05:28 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <95129s$gb7$1@news6.svr.pol.co.uk>
Source record: 9437
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.hf,alt.radio.digital,rec.radio.amateur.digital.misc

Paul, Follow this link:- http://qsy.to/pcr/control.html and it gives
details of all the third party software for the PCR-1000.

I personally use Talk PCR which knocks sposts of the original software by
Icom, and it works with Windows 2000

73's
Graham Powell

For a Full list of Radio Related Websites Designed and
Produced by Graham Powell visit www.shortwave.org.uk
Webmaster for the Online DX Logbook & 21MHz.com

"Paul Scrivens" <Paul.Scrivens@freeuk.com> wrote in message
news:BEDc6.5901$wq.705866@nnrp3.clara.net...
> Does the software for this PC radio work in Windows 2000?
>
> Does anyone own one of these receivers?
>
> Is it any good?
>
> Where can I get a cheap one
>
> Cheers
>
> Paul Scrivens (UK)
>
>

300. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 12:31:17 UTC
From: Martin Moore <m_moore@btinternet.com>
Message-ID: <9513ej$9a3$1@uranium.btinternet.com>
Source record: 9438
Cross-posted to:
uk.comp.homebuilt,rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc,uk.adverts.computer

"Ian Wade" <ian.wade@netro.co.uk> wrote in message
news:u1cqOJAieUc6Ew2c@netro.co.uk...
> Thanks David. I downloaded TIP and tried to run it, but it doesn't
> support my type of drive. However, as the machine has never been
> connected to the Internet, I doubt it has anything to do with Click of
> Death.

What has the Click of Death got to do with the Internet???

Martin

301. any ham software for psion 5 ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 12:38:21 UTC
From: martin_neukomm@my-deja.com
Message-ID: <9513ru$k4t$1@nnrp1.deja.com>
Source record: 9440

does anybody know ham radio software for psion
series 5? there are lot's of other applications
around but so far I couldn't find e.g. any log
program for my 5mx..
thanks for any infos & links
martin hb9lek

Sent via Deja.com
http://www.deja.com/

302. Re: A/D - D/A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 12:40:38 UTC
From: Dick Hale <rhale@neo.rr.com>
Message-ID: <arUc6.299$D7.37225@typhoon.neo.rr.com>
Source record: 9439

You could step up to 100mb/s and cut the time delay between lost
packets. 100mb/s is as cheep and available as 10mb/s... maybe even
more so in the future...

"Steve Sampson" <k5okc-nospam@home.com> wrote in message
news:COdc6.116818$ge4.41197926@news2.rdc2.tx.home.com...
> "Rob Janssen" <nomail@rob.knoware.nl> wrote
> > tony <lindena1@earthlink.net> wrote:
> > >Paul Keinanen <keinanen@sci.fi> wrote
> > >> nomail@rob.knoware.nl (Rob Janssen) wrote:
> >
> > >> All station control signals (PTT, frequency setting etc.)
should go
> > >> over TCP, but I would definitely use UDP, if the audio data
rate is
> > >> more than 10 % of the transmission medium throughput. However
64
> > >> kbit/s audio over 10 Mbit/s Ethernet is certainly below that.
> >
> > >The problem with rolling your own VoIP is reconstructing the
packets
> > >at the other end so as not to get breaks within words.
> >
> > Why would you have breaks and what does it matter where they are?
>
> On a heavily loaded network you may not have even 10% available for
> real-time audio. As errors go up, packets are discarded, and
quality goes
> down.
>
> It doesn't matter where the errors are.
>
> For voice, it probably doesn't matter that you have poor quality,
and still
> be
> able to decode what's being transmitted. This shouldn't be the goal
though.
>
>
>

303. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 17:47:36 UTC
From: who? <glennt@ibm.net>
Message-ID: <3a745d66_2@news1.prserv.net>
Source record: 9441
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Dave -

Traditionally, 6m has been the best way to get the "Worked all channel 2's" award. Various low and high pass filters, even (maybe especially) those that are effective on HF tend to be ineffective on 6m. The main problem is that 6m sits right in the middle of what would've been TV channel 1. TV sets tend to have RF front ends that are very poor in terms of strong adjacent channel signal performance. Also, TV's are usually poorly shielded (how many 15KHz harmonics can you count?) so 6m will be picked up by the power wiring and the TV circuitry itself!

What to do? I can't say what if anything will work for you, but here are a few things to try. I'm assuming that your 6m rig is clean, so my suggestions all apply to the TV system. 6m harmonics should not be much of an issue even if present because they impact only one VHF TV channel (11 I think). The basic goal here is to reduce the 6m signal strength at the TV's, TV amp and TV antenna.

1. Move your 6m dipole as far from the TV antenna as possible. The dipole is physically small (10' or so long), so this ought to be easy to do.

2. Keep the 6m and TV ant cables as far apart as possible. You say that you get an SWR of 1.3:1 WITH a tuner? Better to adjust the 6m dipole so that you have a low SWR *WITHOUT* the tuner, assuming that you're feeding the dipole with coax. If this turns out to be the problem, a "current choke" balun at the dipole may also help. If you're feeding the dipole with twinlead, you need to be more careful about what is near the twinlead's path from the antenna to your radio. In either case, the idea is to prevent the 6m antenna feedline from radiating.

3. Orient the 6m dipole so that the TV antenna is directly off the end of the dipole. Putting the TV antenna in an antenna null is the simplest way to reduce the 6m signal level at the TV antenna.

4. Choke/filter the AC power lines feeding the TV amplifier and the TVs. Radio Shack (and others) sell a ferrite core for this. I think they're fairly inexpensive - $3 for 3 or so...

5. Build quarterwave stubs tuned to 6m and install them at the antenna inputs to the TV amp and the TVs. This will selectively reduce the 6m signal level to the amp/TVs. It's possible that the only one you'll really need is on the TV amp - assuming that it's the only box being overloaded. If channel 11 is used in your area, the stub may also affect it. If so, the stub may not be a good idea. (BTW, the halfwave stub

suggested elsewhere would also affect the 2nd harmonic of 6m. Lucky for you, 100MHz is not a TV channel. Unlucky if you're using the same antenna for FM broadcast!)

Good luck. Enjoy 6m!

73 de Glenn wb6w

304. PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 18:41:02 UTC
From: you@efn.org
Message-ID: <951p3u$oo2$1@news.efn.org>
Source record: 9352

I am look for the Software to run on my PK-12 is there any one out
there that can help
me with this .... I have try "PACKRAT" PKTerm99 and thay will not work
it is working
i have had it on the air with PKGold but it will only run for 30Min.,
TNX for any Help
De KC7ZFP (mike) kc7zfp@juno.com
73's
Dit Dit

305. Re: Help please: sick ZIP drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 18:41:54 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <951p5f$ho4$1@nntp9.atl.mindspring.net>
Source record: 9442
Cross-posted to: rec.radio.amateur.homebrew,uk.radio.amateur,rec.radio.amateur.digital.misc

Click of Death fans:

Yup there really is a "click of death", God Bless Iomega.... I got it
too...

I think I saw a USENET NG dedicated to the "Click of Death".

Why not take the discussion there...

Cheers,

-Peter K1PO

"Walt Davidson" <junkmail1@redhotant.net> wrote in message
news:kk687t0peodocbq7migjv56ig0sc4dtq7m@4ax.com...
> On Sun, 28 Jan 2001 12:31:17 -0000, "Martin Moore"
> <m_moore@btinternet.com> wrote:
>
> >What has the Click of Death got to do with the Internet???
>
> What has it got to do with amateur radio? This thread is being posted
> to three amateur radio newsgroups.
>
> --
> Walt Davidson Email: walt@ surf-zone.co.uk

306. MultiMode 3.9.0 Released for the Macintosh

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 19:20:07 UTC
From: Chris Smolinski <cps@blackcatsystems.com>
Message-ID: <280120011420078115%cps@blackcatsystems.com>
Source record: 9444

I've released version 3.9.0 of MultiMode, my shareware program that
allows the transmission and reception of morse code, slow scan TV,
PSK31, and other modes.

The latest version of MultiMode adds:

QRSS (very slow morse code) as a Spectrum/FFT mode, with a waterfall
display

Spectrum mode now displays peak frequencies

Improved ACARS (Aircraft Communications Addressing And Reporting) mode
decoding

Better alignment of SSTV (Slow Scan TV) images
More readable transmit font in Hellschreiber mode

MultiMode is shareware, and may be downloaded from the following URL:
http://www.blackcatsystems.com/software/multimode.html

73
Chris
N3JLY

--
Chris Smolinski
Black Cat Systems
http://www.blackcatsystems.com/
Macintosh Softwware - Specializing in audio, educational, and amateur radio

307. Re: ICOM PCR1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 19:27:33 UTC
From: Paul Scrivens <Paul.Scrivens@freeuk.com>
Message-ID: <ro_c6.7869$wq.1129852@nnrp3.clara.net>
Source record: 9443
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.hf,alt.radio.digital,rec.radio.amateur.digital.misc

"Paul Scrivens" <Paul.Scrivens@freeuk.com> wrote in message news:...
> Does the software for this PC radio work in Windows 2000?
>
> Does anyone own one of these receivers?
>
> Is it any good?
>
> Where can I get a cheap one
>
> Cheers
>
> Paul Scrivens (UK)
>
>

308. PACKSAT Manchester Modification KPC-3 version 6

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 22:25:47 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A749C6A.3E3DB76C@nettally.com>
Source record: 9445
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

Can the KPC-3 be modified to work any packsats? Mine has been sitting
around new since use and I'd like to know if this mod can be done (looks
simple enough) and will the KPC-3 work properly in this application.
Everything I have read about the mod talks about TAPR tnc's. Thanks

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

309. RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 23:01:46 UTC
From: wf3h@ptd.net
Message-ID: <3a74a23c.348327248@news.ptdprolog.net>
Source record: 9446

I have a rigblaster and am using it with a non-soundblaster card. the connection was easy...and the speakers work. according to the book this means the sound card is hooked up properly. the soundcard itself also works with .wav files, etc.

HOWEVER, the card isnt working with the programs included on the CD with the rigblaster. when i put the rtty program online, and tune in a rtty signal, no data appears on the screen. also, when i try to transmit, using 'vox' mode, the program ignores it. any suggestions? thanks all. email is wf3h@ptd.net.

rig by the by is an ic756pro. computer is 200 mhz pentium with win 98.

310. Re: ISO CAT software for FT-920

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-28 23:28:01 UTC
From: Colin Campbell <mm5agm@cableinet.co.uk>
Message-ID: <5W1d6.54150$pp2.3847423@news3.cableinet.net>
Source record: 9447

you could have a look at my spectrum analyser - its free.

http://www.mm5agm.pwp.blueyonder.co.uk/

Colin MM5AGM

"Don Putnick" <dputnick@alumni.caltech.edu> wrote in message
news:3a5e8dd4.21426925@news.earthlink.net...
> Does anyone know where I can find CAT software for the Yaesu FT-920?
> No objection to commercial-ware. Or how about CAT source code that I
> could modify for the 920? Thanks. don p

311. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 01:05:03 UTC
From: k6mhe@arrl.net
Message-ID: <3a74c182.7679649@news.mcn.org>
Source record: 9450

It's not the Rigblaster but the software. Some non-soundblaster cards
have this problem...

Danny, K6MHE

On Sun, 28 Jan 2001 23:01:46 GMT, wf3h@ptd.net wrote:

>I have a rigblaster and am using it with a non-soundblaster card. the
>connection was easy...and the speakers work. according to the book
>this means the sound card is hooked up properly. the soundcard itself
>also works with .wav files, etc.
>
>HOWEVER, the card isnt working with the programs included on the CD
>with the rigblaster. when i put the rtty program online, and tune in a
>rtty signal, no data appears on the screen. also, when i try to
>transmit, using 'vox' mode, the program ignores it. any suggestions?
>thanks all. email is wf3h@ptd.net.
>
>rig by the by is an ic756pro. computer is 200 mhz pentium with win 98.

312. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 01:06:07 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A74C1FF.5B138E1B@amsat.org>
Source record: 9448

Is it a plug-in soundcard, or is it built-in to the motherboard?
What chipset does it use (crystal sound, ESS, etc)?
Jim

313. WTB Yaesu FRG 100 CAT cable

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 01:18:35 UTC
From: Richard Papa <cheech_wizard@hotmail.com>
Message-ID: <2x3d6.25362$OD.9612425@typhoon.snet.net>
Source record: 9449
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

Looking for a original Yaesu FRG 100 CAT cable.

314. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 02:03:33 UTC
From: wf3h@ptd.net
Message-ID: <3a74cd78.3073287@news.ptdprolog.net>
Source record: 9351

On Mon, 29 Jan 2001 01:05:03 GMT, k6mhe@arrl.net (Dan Richardson)
wrote:

>It's not the Rigblaster but the software. Some non-soundblaster cards
>have this problem...
>
>Danny, K6MHE
>

the immediate thought comes to mind of buying a soundblaster card...or
of finding a generic program which works with the ESS soundcard. looks
like soundblaster's the way to go.

315. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 02:52:25 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A74DAE9.25E1F20D@dialpoint.net>
Source record: 9353

If you do not use the rigblaster and start the programs can you hear sound out of speakers pluged into the sound card ? If so then the transmitt part of the program should be working. To get the receive part working just plug the audio from the rig into the aux input of the sound card. Then see if you can tell if any sound is doing anything on the screen. YOu may not get any print on the scteen but should see something on the display.

YOu may have to go to the sound mixer program and enable the inputs and outputs of the sound card. Right click on the speaker in the task bar and see that the correct inputs and outputs are enabled and the volume slider is near the top.

I doubt it is the sound card not being a sound blaster if you have tried several programs. I have not used a soundblaster but have used several other cards on computers from a 486/100 to a computer with the sound card built on the motherboard. Even running a psk31 program on the sound card and decoding some digital pagers off a scanner with a hamcomm interface on the parallel port the all in one motherboard would do that with an AMD 200 mhz processor. You may have to go to the autoexec.bat program and add aline something like setblaster=220h .. Don't remember the exect line and the 'ham computer' is in another room so I can't check that out.

wf3h@ptd.net wrote:
>
> I have a rigblaster and am using it with a non-soundblaster card. the
> connection was easy...and the speakers work. according to the book
> this means the sound card is hooked up properly. the soundcard itself
> also works with .wav files, etc.
>
> HOWEVER, the card isnt working with the programs included on the CD
> with the rigblaster. when i put the rtty program online, and tune in a
> rtty signal, no data appears on the screen. also, when i try to
> transmit, using 'vox' mode, the program ignores it. any suggestions?
> thanks all. email is wf3h@ptd.net.
>
> rig by the by is an ic756pro. computer is 200 mhz pentium with win 98.

316. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 03:06:47 UTC
From: k6mhe@arrl.net
Message-ID: <3a74ddd2.14928588@news.mcn.org>
Source record: 9355

On Mon, 29 Jan 2001 02:03:33 GMT, wf3h@ptd.net wrote:

>On Mon, 29 Jan 2001 01:05:03 GMT, k6mhe@arrl.net (Dan Richardson)
>wrote:
>
>>It's not the Rigblaster but the software. Some non-soundblaster cards
>>have this problem...
>>
>>Danny, K6MHE
>>
>
>the immediate thought comes to mind of buying a soundblaster card...or
>of finding a generic program which works with the ESS soundcard. looks
>like soundblaster's the way to go.

Oddly enough, my "sound card" is part of the mother board and is not a soundblaster, however, to my good fortune it works fine, but two close friends were not so luckily.

Danny

317. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 03:33:06 UTC
From: wf3h@ptd.net
Message-ID: <3a74e157.8160179@news.ptdprolog.net>
Source record: 9354

On Sun, 28 Jan 2001 21:52:25 -0500, Ralph Mowery
<rmowery@dialpoint.net> wrote:

>If you do not use the rigblaster and start the programs can you hear
>sound out of speakers pluged into the sound card ?

yep, sure can...

If so then the
>transmitt part of the program should be working. To get the receive
>part working just plug the audio from the rig into the aux input of the
>sound card. Then see if you can tell if any sound is doing anything on
>the screen. YOu may not get any print on the scteen but should see
>something on the display.

it's hard to tell since the programs generally dont tell me what i
should be seeing, other than printed characters. i get audio out of
the speakers connected to the sound blaster...that works well, but no
characters on the displays
>
>YOu may have to go to the sound mixer program and enable the inputs and
>outputs of the sound card.

that's been done...
>

as to your comment about the autoexec.bat file..interesting...this
computer doesnt have one...that's scary...nor does it have a
config.sys file...

that could be a problem....

318. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 04:06:53 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A74EC5D.BE6D1AF6@dialpoint.net>
Source record: 9356

If you don't have Digipan, go here and download this program mostly for psk31.

http://www.muenster.de/%7Ewelp/sb.htm

It is a free program nad works very well. Set it up for psk31. At the bottom of the display will be an area that will probalbby be blue with some lines comming down from the top of the area when you have a signal tuned in.
Set your receiver to 14.070 in the usb position. You should then start seeing some vertical lines when you hear the psk31 tone. Take your mouse cursor and put it over one of the lines and click on the line. Yu should then see some print on the screen.

As for the computer not haveing an autoexec.bat or config.sys file you normally don't need them. I use the autoexec.bat file for several reasons in my computer, but the config.sys is normallly never needed in win 98.

You did not mention if you ever used the other modes, but if not then it may be that you just don't have the rtty tuned in correctly. For ham transmissions you normally set the receiver to lsb and the mark tone will be the lower tone and the space tone will be 170 hz higher. If you think it is tuned in correctly, the program may be set up in reverse. Try the other sideband or tell the program you are using the reverse mode.

> >transmitt part of the program should be working. To get the receive
> >part working just plug the audio from the rig into the aux input of the
> >sound card. Then see if you can tell if any sound is doing anything on
> >the screen. YOu may not get any print on the scteen but should see
> >something on the display.
>
> it's hard to tell since the programs generally dont tell me what i
> should be seeing, other than printed characters. i get audio out of
> the speakers connected to the sound blaster...that works well, but no
> characters on the displays
> >
> >YOu may have to go to the sound mixer program and enable the inputs and
> >outputs of the sound card.
>
> that's been done...
> >
>
> as to your comment about the autoexec.bat file..interesting...this
> computer doesnt have one...that's scary...nor does it have a

> config.sys file...
>
> that could be a problem....

319. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 04:37:20 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A74F380.A05E94F4@amsat.org>
Source record: 9357

autoexex.bat and config.sys are only for DOS mode compatability. Your Windoze system will run fine without them. I have several Windows computers running just fine without them.
HOWEVER...if some of the programs run in DOS mode, then you'll need to put your sound card params in config.sys, and the names/path of any required DOS drivers in autoexec.bat.
HTH, Jim

320. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 13:17:18 UTC
From: rn822706@aol.com
Message-ID: <20010129081718.21545.00002076@ng-fy1.aol.com>
Source record: 9358

depeding on which input to card you are using---chec all progs using card that
mic; or line inputs have NOT been muted or deselected ;it may have been done in
another "tray" other than in the rtty programme--must check them all. Ihad
similar problem and that is what i discovered i use line input with mic muted
or NOTselected --settings more stable
and tend to remain at same settings over time good luck Dan

321. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 16:50:07 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <al7b7tcu97a0snanfe9avqld7t24a9mvun@4ax.com>
Source record: 9359

On Mon, 29 Jan 2001 18:14:34 -0000, "[Syst3M]" <Syst3m@xxx.lt> wrote:

>(Ms. Laura, i wonder why are you so damn sure when you say that
>two dialup modems can't be connected by two transceivers!?)

Now I understand what you are after, sure you might be able to connect two phone line modems with two transceivers. You need two transceivers at your site and two at the other site :-).

One of your transceivers is constantly in transmit mode on one frequency band and the other is constantly on receive on a separate frequency band. On the opposite site, the frequencies are reversed.

Any modern (>= 9600 bit/s) phone line modem needs a full duplex connection so that it can tune the equaliser with the training sequence when the connection is established.

To get a full duplex connection using radio, you need two separate frequencies.

Paul OH3LWR

322. Re: PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 17:23:03 UTC
From: Bob <robert.fay@unisys-nospam.com>
Message-ID: <9548ts$219h$1@si05.rsvl.unisys.com>
Source record: 9360

Mike, I run a PK12 with PKTerm99 and it works just fine. What problems are you having?
Bob WC0D

"Your Full Name" <you@efn.org> wrote in message news:951p3u$oo2$1@news.efn.org...
> I am look for the Software to run on my PK-12 is there any one out
> there that can help
> me with this .... I have try "PACKRAT" PKTerm99 and thay will not work
> it is working
> i have had it on the air with PKGold but it will only run for 30Min.,
> TNX for any Help
> De KC7ZFP (mike) kc7zfp@juno.com
> 73's
> Dit Dit
>

323. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 18:46:07 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn97beje.tod.nomail@linux.pe1chl.ampr.org>
Source record: 9363

[Syst3M] <Syst3m@xxx.lt> wrote:
>hi all,

>however i am surprised that activity on this newsgroup is a bit poor.
>(Ms. Laura, i wonder why are you so damn sure when you say that
>two dialup modems can't be connected by two transceivers!?)
>maybe this schematics will change your mind?
>i want to hear comments from others too.

If you are so sure that you can do something, and don't want to accept any
advise that it is not so easy, then why do you bother asking on a newsgroup
and commenting on the content???

Just go and do it, and leave us poor bastards alone.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

324. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 20:12:22 UTC
From: marsgal42@hotmail.com
Message-ID: <954iqs$cv6$1@nnrp1.deja.com>
Source record: 9361

On Mon, 29 Jan 2001 18:14:34 -0000, "[Syst3M]" <Syst3m@xxx.lt> wrote:

> (Ms. Laura, i wonder why are you so damn sure when you say that
> two dialup modems can't be connected by two transceivers!?)

Having a clue about digital communications is a good place
to start.

Telephone modems are designed for a high SNR channel whose
characteristics are relatively constant. They run through
a training sequence at the time of the initial connection
and use the results from then on. Additionally, they operate
over a full-duplex connection.

Amateur communications are generally half-duplex, with a
relatively low SNR. If you could come up with a very high
SNR, full-time full-duplex communications and fixed channel
characteristics, you just might be able to make it work.

Personally, I wouldn't bother. There are better ways of
solving the problem.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

325. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 20:27:27 UTC
From: Radioguy <radioguy@snet.net>
Message-ID: <3A75D22F.7080109@snet.net>
Source record: 9362

wf3h@ptd.net wrote:

> HOWEVER, the card isn't working with the programs included on the CD
> with the rigblaster. when i put the rtty program online, and tune in a
> rtty signal, no data appears on the screen. also, when i try to
> transmit, using 'vox' mode, the program ignores it. any suggestions?
> thanks all. email is wf3h@ptd.net.

From a purely personal point of view, I dislike VOX for digital work. Using a com port with a real PPT just feels more solid to me. As long as your speakers can reproduce the tones, you shouldn't have a problem. My gut says to check the audio in-outs to make sure they are in the right places.

Have noticed sound level difference with different programs. Check your sound settings. The Mic Level input, if used, may need the Mike Boost 20db box checked in the advanced box.

> rig by the by is an ic756pro. computer is 200 mhz pentium with win 98.

I have used True TTY, MTTY, WinPSK, Digipan, ChromaPix, Stream, and many other programs all without difficulty with the RigBlaster and the IC-756pro combination. Use the monitor switch to listen to the actual input. It helps to speed things up sometimes when testing.

Good luck.
73,
Pete

>

326. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 21:51:10 UTC
From: Neal Moore <nealmoore@home.com>
Message-ID: <iBld6.21986$V22.4469737@news4.rdc1.on.home.com>
Source record: 9364
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Thanks to all the hams who helped me out I am now up and running on Paket
look for me sometime VE3LDV Neal.
<helpfull@my-deja.com> wrote in message news:94sbug$1jd$1@nnrp1.deja.com...
> Search for WinPack ! It's free to try and unblocked. It also can use
> AGW (soundcard) Packet Engine. Let me know if you need help ajusting
> it's settings.
>
> AGWPE can be used with Baypac and regular TNC's too.
>
> 73
>
>
> In article <3a70e429$1@news.enetis.net>,
> "John Burch" <occupant@enetis.net> wrote:
> > Is there a decent packet BBS program available
> > that will run on a Windows-based PC? If so,
> > could you please provide any links or suggestions
> > as to and WHERE it might be found, and WHAT
> > it is know as?
> >
> > For reasons not fully explained or understood, we
> > think we might want to get a little packet activity
> > going around here again.
> >
> > Thank you very much for any assistance.
> >
> > 73 de John
> > (Note that the two operative words "cheap" and
> > "free" were not used anywhere in the above message)
> >
> >
>
>
> Sent via Deja.com
> http://www.deja.com/

327. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 23:31:07 UTC
From: wf3h@ptd.net
Message-ID: <3a75fb5c.70465972@news.ptdprolog.net>
Source record: 9365

On Mon, 29 Jan 2001 15:27:27 -0500, Radioguy <radioguy@snet.net>
wrote:

>wf3h@ptd.net wrote:
>
>> HOWEVER, the card isn't working with the programs included on the CD
>> with the rigblaster. when i put the rtty program online, and tune in a
>> rtty signal, no data appears on the screen. also, when i try to
>> transmit, using 'vox' mode, the program ignores it. any suggestions?
>> thanks all. email is wf3h@ptd.net.
>
> From a purely personal point of view, I dislike VOX for digital work.
>Using a com port with a real PPT just feels more solid to me. As long
>as your speakers can reproduce the tones, you shouldn't have a problem.
>My gut says to check the audio in-outs to make sure they are in the
>right places.
>
>Have noticed sound level difference with different programs. Check your
>sound settings. The Mic Level input, if used, may need the Mike Boost
>20db box checked in the advanced box.
>
>> rig by the by is an ic756pro. computer is 200 mhz pentium with win 98.
>
>I have used True TTY, MTTY, WinPSK, Digipan, ChromaPix, Stream, and many
>other programs all without difficulty with the RigBlaster and the
>IC-756pro combination. Use the monitor switch to listen to the actual
>input. It helps to speed things up sometimes when testing.
>
>Good luck.
>73,
>Pete
>
>>
>
tnx pete...it's gonna take some detective work...

328. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-29 23:53:17 UTC
From: wf3h@ptd.net
Message-ID: <3a75fe98.71294718@news.ptdprolog.net>
Source record: 9366

On Sun, 28 Jan 2001 23:06:53 -0500, Ralph Mowery
<rmowery@dialpoint.net> wrote:

>If you don't have Digipan, go here and download this program mostly for
>psk31.
>
>http://www.muenster.de/%7Ewelp/sb.htm
>
>It is a free program nad works very well. Set it up for psk31. At the
>bottom of the display will be an area that will probalbby be blue with
>some lines comming down from the top of the area when you have a signal
>tuned in.

Well, you little sonofagun!! IT WORKS!!! at least im RECEIVING
Psk31...havent got TX to work yet, but pbly try that with PTT rather
than vox....in fact, the station i'm copying now, KC5UN is using a
rigblaster interface....

now all i gotta do is get tx working...vox seems to trip the vox all
the time...

THANKS!!!

329. Re: WTB Yaesu FRG 100 CAT cable

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 01:11:57 UTC
From: jcarver@netusa1.net
Message-ID: <3a760c6a.9275459@news.netusa1.net>
Source record: 9367
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

I just bought one about four months ago from Universal Radio in Ohio.
www.universal-radio.com
On Sun, 28 Jan 2001 20:18:35 -0500, "Richard Papa"
<cheech_wizard@hotmail.com> wrote:

>Looking for a original Yaesu FRG 100 CAT cable.
>
>
>
>

330. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 01:17:32 UTC
From: wf3h@ptd.net
Message-ID: <3a76142f.76822754@news.ptdprolog.net>
Source record: 9368

On Sun, 28 Jan 2001 23:06:53 -0500, Ralph Mowery
<rmowery@dialpoint.net> wrote:

>If you don't have Digipan, go here and download this program mostly for
>psk31.
>
>http://www.muenster.de/%7Ewelp/sb.htm
>

well got ptt hooked up and had nice psk31 chat wid k1hbx in
florida...solid copy both using 15 watts...tnx much, all, and
especially u OM...

331. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 02:55:56 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A762D26.50B1CF92@earthlink.net>
Source record: 9370

you only need the autoexec and the config,sys if you are using DOS programs
win98 doesnt create them for you till you install the DOS drivers for the
sound card or the CDROM drive

wf3h@ptd.net wrote:

> On Sun, 28 Jan 2001 21:52:25 -0500, Ralph Mowery
> <rmowery@dialpoint.net> wrote:
>
> >If you do not use the rigblaster and start the programs can you hear
> >sound out of speakers pluged into the sound card ?
>
> yep, sure can...
>
> If so then the
> >transmitt part of the program should be working. To get the receive
> >part working just plug the audio from the rig into the aux input of the
> >sound card. Then see if you can tell if any sound is doing anything on
> >the screen. YOu may not get any print on the scteen but should see
> >something on the display.
>
> it's hard to tell since the programs generally dont tell me what i
> should be seeing, other than printed characters. i get audio out of
> the speakers connected to the sound blaster...that works well, but no
> characters on the displays
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> >YOu may have to go to the sound mixer program and enable the inputs and
> >outputs of the sound card.
>
> that's been done...
> >
>
> as to your comment about the autoexec.bat file..interesting...this
> computer doesnt have one...that's scary...nor does it have a
> config.sys file...
>
> that could be a problem....

332. Re: RIGBLASTER USE?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 03:01:29 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A762E89.FBDAFE8A@dialpoint.net>
Source record: 9369

Now that you have this program working, there are several more at the same site that I have had good luck with. For just RTTY, there is a program called MMTY that works almost as well on receive as the old ST-6 hardwear demodulator I built many years ago.
I don't recall the name of the program, maybe something like hamscope ?? that has multimodes in it.
MOst of the time it is just a mater of learning how to tune in the signals and what they sound like. You should try to keep the tone of the signal in the range of 1000 to 2000 hz in most cases. Much lower and the harmonics and trash generated by the sound card will not be filtered out by the ssb filter and much higher and the tones will be weaker.

Just remember that while using most of the digital modes you are putting out the power level you are running at all the time (100 precent duty cycle). For rtty the more power the beter, but psk31 works very well at the low power levels, that is what it was designed for . Not sure of the power of your rig, but if it is normally a 100 watt out then try running not more than about 50 watts for longer life of the rig.

> >If you don't have Digipan, go here and download this program mostly for
> >psk31.
> >
> >http://www.muenster.de/%7Ewelp/sb.htm
> >
> >It is a free program nad works very well. Set it up for psk31. At the
> >bottom of the display will be an area that will probalbby be blue with
> >some lines comming down from the top of the area when you have a signal
> >tuned in.
>
> Well, you little sonofagun!! IT WORKS!!! at least im RECEIVING
> Psk31...havent got TX to work yet, but pbly try that with PTT rather
> than vox....in fact, the station i'm copying now, KC5UN is using a
> rigblaster interface....
>
> now all i gotta do is get tx working...vox seems to trip the vox all
> the time...
>
> THANKS!!!

333. Re: ICOM PCR1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 04:54:17 UTC
From: Ed_Woodrick <Ed_Woodrick@email.msn.com>
Message-ID: <emJJ1iniAHA.359@cpmsnbbsa07>
Source record: 9371
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.hf,alt.radio.digital,rec.radio.amateur.digital.misc

I'm using the PCR1000 software with no problems whatsoever in Windows 2000.

"Terje Elde" <terje@elde.net> wrote in message
news:slrn979m8l.1pc.terje@tiger.thinksec.com...
> On Fri, 26 Jan 2001 11:40:57 -0000, Paul Scrivens
<Paul.Scrivens@freeuk.com>
> wrote:
> > Does the software for this PC radio work in Windows 2000?
>
> Not the original, but 3rd party does.
>
> > Does anyone own one of these receivers?
>
> Yes.
>
> > Is it any good?
>
> Yes. Only downside is that it isn't the fastest scanner around.
>
> > Where can I get a cheap one
>
> Ebay. I seem to recall seeing two for sale right now. One for £170 and one
for
> £180.
>
> Terje
> --
> Posting under real name, with real working email address. If you have a
> problem with me it should take you all of 30 seconds to find out where I
live,
> and perhaps another 45 to find a map with driving directions to my house.

334. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-30 16:05:06 UTC
From: helpfull@my-deja.com
Message-ID: <956onb$7j5$1@nnrp1.deja.com>
Source record: 9372
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

OK!? So now I know it must be paid for if used regularly. I know it's a PMS for AX25 but what the heck would I be paying for.

There is a glaring absence of the benefit. Heck! There are not even any features listed which I might extrapolate a benefit.

Benefits people! ... and open source!

Hello!

In article <EaNc6.11186$6m6.270319@telenews.teleline.es>,
"Juandi EB7FQP" <juandi34@terra.es> wrote:
> Look That http://www.cix.co.uk/~ntsx/downloadv3.htm.... the best
PMS !!!!!
>
> "John Burch" <occupant@enetis.net> escribi&#65533; en el mensaje
> news:3a70e429$1@news.enetis.net...
> > Is there a decent packet BBS program available
> > that will run on a Windows-based PC? If so,
> > could you please provide any links or suggestions
> > as to and WHERE it might be found, and WHAT
> > it is know as?
> >
> > For reasons not fully explained or understood, we
> > think we might want to get a little packet activity
> > going around here again.
> >
> > Thank you very much for any assistance.
> >
> > 73 de John
> > (Note that the two operative words "cheap" and
> > "free" were not used anywhere in the above message)
> >
> >
> >
> >
>
>

Sent via Deja.com
http://www.deja.com/

335. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 00:08:37 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A775785.E72FA6E1@amsat.org>
Source record: 9373
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Some programmers still have the Windoze mind-set.
Jim

336. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 00:28:22 UTC
From: Steve Sampson <k5okc-nospam@home.com>
Message-ID: <G_Id6.137778$ge4.49934286@news2.rdc2.tx.home.com>
Source record: 9374
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

```
open-source and microsoft are matter and anti-matter.
You want microsoft, then you don't want open source.

<helpfull@my-deja.com> wrote

> Benefits people! ... and open source!
>
> Hello!
```

337. Re: PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 01:59:18 UTC
From: you@efn.org
Message-ID: <957rhm$c39$1@news.efn.org>
Source record: 9375

I cant get it to do any thang it will not see the PK-12 at all
works fine on my pk-232 so i know that the Prog. is working
tnx kc7zfp
Dit Dit

In article <9548ts$219h$1@si05.rsvl.unisys.com>,
robert.fay@unisys-nospam.com says...
>
>Mike, I run a PK12 with PKTerm99 and it works just fine. What problems
are
>you having?
>Bob WC0D
>
>"Your Full Name" <you@efn.org> wrote in message
>news:951p3u$oo2$1@news.efn.org...
>> I am look for the Software to run on my PK-12 is there any one out
>> there that can help
>> me with this .... I have try "PACKRAT" PKTerm99 and thay will not
work
>> it is working
>> i have had it on the air with PKGold but it will only run for 30Min.,
>> TNX for any Help
>> De KC7ZFP (mike) kc7zfp@juno.com
>> 73's
>> Dit Dit
>>
>
>

338. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 02:10:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <YtKd6.21278$cN.1042568@bgtnsc07-news.ops.worldnet.att.net>
Source record: 9376
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Silly Steve!

Much more open source development on Windows than on
any other OS. Even some stuff that is useful ...

Well ... maybe a bit more on CP/M.

Darn little on any variation of Unix, at least useful stuff.

--

... Hank

http://horedson.home.att.net

"Steve Sampson" <k5okc-nospam@home.com> wrote in message
news:G_Id6.137778$ge4.49934286@news2.rdc2.tx.home.com...
> open-source and microsoft are matter and anti-matter.
> You want microsoft, then you don't want open source.
>
> <helpfull@my-deja.com> wrote
>
> > Benefits people! ... and open source!
> >
> > Hello!
>
>
>

339. KISS mode on TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 05:08:35 UTC
From: Alan Pearson <alanp@linux.pearson.uk>
Message-ID: <n5Nd6.11712$YT3.296489@news6-win.server.ntlworld.com>
Source record: 9377

Hi folks,
I have a quick question Re: Kiss mode.
Are there ANY andvantage to running KISS on a TNC, rather than its own hostmode.
Eg the KAM3 when in Kiss mode looses its mailbox capability and stuff.
I wanted a dumb TNC, would I not be better with Baycom modem or soundcard ?

I also have another question re packet. I want to setup my packet station to do something more..... I don't know what I want yet. I want something people will want to use, and want to know what intersting stuff I could do.

I use linux for all my packet needs and I believe it will do almost anything,
I'm just after interesting ideas !

Thanks for listening !

Alan P

340. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 08:20:25 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn97fim9.bmq.nomail@linux.pe1chl.ampr.org>
Source record: 9378
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Hank Oredson <horedson@att.net> wrote:
>Silly Steve!

>Much more open source development on Windows than on
>any other OS. Even some stuff that is useful ...

>Well ... maybe a bit more on CP/M.

>Darn little on any variation of Unix, at least useful stuff.

Oh gosh, Hank is drunk again... what can we expect?

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

341. Re: KISS mode on TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 11:44:26 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <958ue2$72a$1@neptunium.btinternet.com>
Source record: 9379

Alan Pearson <alanp@linux.pearson.uk> wrote in message
news:n5Nd6.11712$YT3.296489@news6-win.server.ntlworld.com...
> Hi folks,
> I have a quick question Re: Kiss mode.
> Are there ANY andvantage to running KISS on a TNC, rather than its own
hostmode.
> Eg the KAM3 when in Kiss mode looses its mailbox capability and stuff.
> I wanted a dumb TNC, would I not be better with Baycom modem or soundcard
?
>
>
> I also have another question re packet. I want to setup my packet station
to do something more..... I don't know what I want yet. I want something
people will want to use, and want to know what intersting stuff I could do.
>
> I use linux for all my packet needs and I believe it will do almost
anything,
> I'm just after interesting ideas !
>
> Thanks for listening !
>
> Alan P
>

Alan,

Take a look at UI-View, using your TNC in KISS mode is encouraged!

See http://packetradio.org.uk

I believe there are also Linux versions of APRS software about.

Regards,

Roger Basford

(G3VKM)

342. Re: Packet BBS program that runs on Win95/98?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 12:36:17 UTC
From: Steve Sampson <k5okc-nospam@home.com>
Message-ID: <5FTd6.138918$ge4.50938409@news2.rdc2.tx.home.com>
Source record: 9380

If it wasn't for the title, I'd think this thread might be
important enough to continue...

"Rob Janssen" <nomail@rob.knoware.nl> wrote
> Hank Oredson <horedson@att.net> wrote:
> >Silly Steve!
>
> >Much more open source development on Windows than on
> >any other OS. Even some stuff that is useful ...
>
> >Well ... maybe a bit more on CP/M.
>
> >Darn little on any variation of Unix, at least useful stuff.
>
> Oh gosh, Hank is drunk again... what can we expect?
>
> Rob

343. Re: PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 13:51:55 UTC
From: Bob <robert.fay@unisys-nospam.com>
Message-ID: <95959t$2bg8$1@si05.rsvl.unisys.com>
Source record: 9381

If you are using windows, then go to Programs, accessories, Communications and start "HyperTerminal" which you can use to reset your PK12 and get it back to the serial port settings that PKTerm is expecting. Also try connecting it to the exact same serial cable and com port that the PK232 uses to insure that you don't have a com port/cable issue. If this doesn't help then feel free to contact me direct and we can try something else. The other thing you can do is contact CSS and they will get you going. They are very good at providing assistance with their products and they will work with you until the problem is resolved.
Bob Fay WC0D
"Your Full Name" <you@efn.org> wrote in message
news:957rhm$c39$1@news.efn.org...
> I cant get it to do any thang it will not see the PK-12 at all
> works fine on my pk-232 so i know that the Prog. is working
> tnx kc7zfp
> Dit Dit
>
> In article <9548ts$219h$1@si05.rsvl.unisys.com>,
> robert.fay@unisys-nospam.com says...
> >
> >Mike, I run a PK12 with PKTerm99 and it works just fine. What problems
> are
> >you having?
> >Bob WC0D
> >
> >"Your Full Name" <you@efn.org> wrote in message
> >news:951p3u$oo2$1@news.efn.org...
> >> I am look for the Software to run on my PK-12 is there any one out
> >> there that can help
> >> me with this .... I have try "PACKRAT" PKTerm99 and thay will not
> work
> >> it is working
> >> i have had it on the air with PKGold but it will only run for 30Min.,
> >> TNX for any Help
> >> De KC7ZFP (mike) kc7zfp@juno.com
> >> 73's
> >> Dit Dit
> >>
> >
> >
>

344. Re: PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 14:00:33 UTC
From: Bob <robert.fay@unisys-nospam.com>
Message-ID: <9595q3$2bpd$1@si05.rsvl.unisys.com>
Source record: 9382

Another resource is Timewave who is good at providing assistance.
http://www.timewave.com/
Here is the url for CSS also http://www.cssincorp.com/
"Bob" <robert.fay@unisys-nospam.com> wrote in message
news:95959t$2bg8$1@si05.rsvl.unisys.com...
> If you are using windows, then go to Programs, accessories, Communications
> and start "HyperTerminal" which you can use to reset your PK12 and get it
> back to the serial port settings that PKTerm is expecting. Also try
> connecting it to the exact same serial cable and com port that the PK232
> uses to insure that you don't have a com port/cable issue. If this doesn't
> help then feel free to contact me direct and we can try something else.
The
> other thing you can do is contact CSS and they will get you going. They
are
> very good at providing assistance with their products and they will work
> with you until the problem is resolved.
> Bob Fay WC0D
> "Your Full Name" <you@efn.org> wrote in message
> news:957rhm$c39$1@news.efn.org...
> > I cant get it to do any thang it will not see the PK-12 at all
> > works fine on my pk-232 so i know that the Prog. is working
> > tnx kc7zfp
> > Dit Dit
> >
> > In article <9548ts$219h$1@si05.rsvl.unisys.com>,
> > robert.fay@unisys-nospam.com says...
> > >
> > >Mike, I run a PK12 with PKTerm99 and it works just fine. What problems
> > are
> > >you having?
> > >Bob WC0D
> > >
> > >"Your Full Name" <you@efn.org> wrote in message
> > >news:951p3u$oo2$1@news.efn.org...
> > >> I am look for the Software to run on my PK-12 is there any one out
> > >> there that can help
> > >> me with this .... I have try "PACKRAT" PKTerm99 and thay will not
> > work
> > >> it is working
> > >> i have had it on the air with PKGold but it will only run for 30Min.,
> > >> TNX for any Help
> > >> De KC7ZFP (mike) kc7zfp@juno.com
> > >> 73's
> > >> Dit Dit

> > >>
> > >
> > >
> >
>
>

345. Re: Digital data and radio receivers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 14:06:00 UTC
From: IJ.McCrum@ulst.ac.uk
Message-ID: <3a781a9c.7011296@news.worldaccess.co.uk>
Source record: 9383

On Mon, 22 Jan 2001 17:23:27 -0000, "Paul Scrivens"
<Paul.Scrivens@freeuk.com> wrote:

>Hi, I am totally new to the world of Amateur radio and would like to
>experiment with digital data, such as NAVTEX and Weather charts. I would be
>using programs like, JVFax, JVCOMM, HAMCOMM, RadioRaft and Sky Spy.
>
>First I need a receiver. As I will be doing a lot of interfacing with the PC
>I though the ICOM PCR-1000 would be a good start. Has anyone here got this
>receiver or know if it will be a good receiver for my needs.

Hi Paul, the SONY 7600G is pretty cheap... Some PCs are better than
others with respect of noise and RF. I have often thought building a
Hamcom interface with opto-isolators would be a good idea, though the
7600G seems to work ok with most of my PCs. I think the cheaper
PCR-100 does NOT do SSB so beware, the 1000 is ok though.

Ian McCrum MI5AFL <IJ.McCrum@ulstDOTacDOTuk>

346. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-01-31 16:27:17 UTC
From: Jeremy <Jeremy@REMOVEelmc.demon.co.uk>
Message-ID: <bHNHULAlzDe6Ewzg@helmscott.net>
Source record: 9384
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

In article <980072221.4309.2.nnrp-10.c1ed6aae@news.demon.co.uk>, Mike
O'Sullivan <mike@barnaby0.demon.co.uk> wrote:
>The Gramophone carried a review of this ï¿½300 tuner. This is considerably
>cheaper than previous digital tuners. Has anybody had any experience of this
>model?

It sounds lovely although (to my ear) not as nice as the Arcam
Jeremy

>
>Also, I don't know much about digital radio reception. . I use a FUBA
>roof-mounted aerial with a Stolle rotator so I have good analogue reception,
>with a choice of three transmitters. Is a strong analogue signal likely to
>have a negative impact on digital reception? With digital TV, a too strong
>analogue signal can severely degrade the quality of the digital picture. Is
>this also true of radio?
>
>Thanks
>Mike
>
>
>

347. MI: LARC Swap-N-Shop (Ham Radio, Computers, Electronics) 2-18-01

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-01 04:08:35 UTC
From: LARC Swap-N-Shop <swap@n8hqg.mi.org>
Message-ID: <7j5e6.87025$ft6.2288228@typhoon.mw.mediaone.net>
Source record: 9385
Cross-posted to: mi.misc,mi.wanted,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

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Sunday February 18, 2001
8:00 - 12:30

The 31st Annual

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Farmington Hills, MI

1 1/4 Miles East of Orchard Lake Road
-Exit Orchard Lake Road off I-696
South 1/2 Mile to 11 Mile Road
Left (east) on 11 mile 1 1/4
-Just east of Middlebelt Road
on the North side of the road.

****

Admission: $5
Tables: $16/8ft.
Talkin: 145.35 (-) or 145.17 (-) backup

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Table Reservation form can be found at:

http://www.larc.mi.org/Swap_Form.pdf

Mark your calendars for Sunday February 18, 2001!!!

AND PLEASE TELL ALL YOUR FRIENDS.....

348. MI: LARC Swap-N-Shop (Ham Radio, Computers, Electronics) 2-18-01

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-01 04:08:41 UTC
From: LARC Swap-N-Shop <swap@n8hqg.mi.org>
Message-ID: <dj5e6.87026$ft6.2288228@typhoon.mw.mediaone.net>
Source record: 9386
Cross-posted to: mi.misc,mi.wanted,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

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South 1/2 Mile to 11 Mile Road
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on the North side of the road.

****

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Table Reservation form can be found at:

http://www.larc.mi.org/Swap_Form.pdf

Mark your calendars for Sunday February 18, 2001!!!

AND PLEASE TELL ALL YOUR FRIENDS.....

349. Re: TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-01 08:46:47 UTC
From: TruckDrivingMan <tansorg@cs.tu-berlin.de>
Message-ID: <95b7gu$j3a$07$1@news.t-online.com>
Source record: 9387
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

AFAIK,the open 1/4 wave cable is a short circuit for the concerning frequency.Though he should take the frequency of the tv-channel for the 1/4 wave calculation.

Tom

"Paul Keinanen" <keinanen@sci.fi> schrieb im Newsbeitrag news:63a37tcq80ho1indg6aerkfd693bdo1e8d@4ax.com...
> On Fri, 26 Jan 2001 07:30:35 -0500, "Bob Lewis" <rlewis@staffnet.com>
> wrote:
>
>
> >You can make a good inexpensive notch filter by placing a 1/4 wave (on
> >your 6M operating frequency) long piece of coax, shorted on the far
> >end, across the input to the amplifier.
>
> Make that 1/2 wave and you might see a notch :-) on that frequency
> (and remembering to compensate for the velocity factor) if you are
> using shorted stubs.
>
> A 1/4 wave _open_ stub could also be used, but it is harder to tune.
>
>

350. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-01 23:18:43 UTC
From: timom <timom@breathemail.net>
Message-ID: <3a79ef4e$1_2@news2.vip.uk.com>
Source record: 9388
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

"Jeremy" <Jeremy@REMOVEelmc.demon.co.uk> wrote in message
news:bHNHULAlzDe6Ewzg@helmscott.net...
> In article <980072221.4309.2.nnrp-10.c1ed6aae@news.demon.co.uk>, Mike
> O'Sullivan <mike@barnaby0.demon.co.uk> wrote:
> >The Gramophone carried a review of this £300 tuner. This is considerably
> >cheaper than previous digital tuners. Has anybody had any experience of
this
> >model?
>
> It sounds lovely although (to my ear) not as nice as the Arcam
> Jeremy
>

Ah but which Arcam?

The Alpha 10 (£800) is very close to the sound of the DRX, while the new FMJ
(£1000) is a little better. (To my ears having heard all three).

But, hey, these products are respectively nearly 3 times and over 3 times
the price of the Videologic.

Therefore, if price is taken into account, I reckon the Videologic is the
winner.

T.

351. Re: PK-12 TNC (Bob)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 01:11:45 UTC
From: mikea@efn.org
Message-ID: <95d1ghikg1@news.efn.org>
Source record: 9389

I cant get it to do any thang it will not see the PK-12 at all
works fine on my pk-232 so i know that the Prog. is working
tnx kc7zfp
Dit Dit
>
>In article <9548ts$219h$1@si05.rsvl.unisys.com>,
>robert.fay@unisys-nospam.com says...
>>
>>Mike, I run a PK12 with PKTerm99 and it works just fine. What problems
>are
>>you having?
>>Bob WC0D
>>
>>"Your Full Name" <you@efn.org> wrote in message
>>news:951p3u$oo2$1@news.efn.org...
>>> I am look for the Software to run on my PK-12 is there any one out
>>> there that can help
>>> me with this .... I have try "PACKRAT" PKTerm99 and thay will not
>work
>>> it is working
>>> i have had it on the air with PKGold but it will only run for
30Min.,
>>> TNX for any Help
>>> De KC7ZFP (mike) kc7zfp@juno.com
>>> 73's
>>> Dit Dit
>>>
>>
>>
>

352. "THANK YOU" TVI 6 Meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 02:33:45 UTC
From: "David J. Moge" <n1rzb@mailops.com>
Message-ID: <3a7a1bf0@excalibur.gbmtech.net>
Source record: 9390
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Thanks to all who responded to my call for help about 6 Meter TVI. I have a good base of information from which to work from.

Thanks
"73"
Dave, N1RZB

353. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 07:28:19 UTC
From: Chris Bidmead <bidmead@UCEFREEcix.co.uk>
Message-ID: <3A7A6193.6EE79430@UCEFREEcix.co.uk>
Source record: 9391
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

timom wrote:
> Ah but which Arcam?
>
> The Alpha 10 (ï¿½800) is very close to the sound of the DRX, while the new FMJ
> (ï¿½1000) is a little better. (To my ears having heard all three).

Interesting conclusion (a jealous Alpha 10 owner writes). But Arcam's
Web page seems to suggest that the difference between the Alpha range
and the FMJ range is mostly a matter of style and perhaps build
quality. Aren't both Arcam DAB tuners built around the same Gold Card?
To my untutored eye their tech specs
(http://www.arcam.co.uk/alpha/tuners/techspec.html) and
(http://www.arcam.co.uk/fmj/products/dt26ts.html) appear identical.

--
el bid

354. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 08:04:43 UTC
From: John Dawson <xwc91@dial.pipex.com>
Message-ID: <95dt85$h8j$1@lure.pipex.net>
Source record: 9392
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

The electical circuitry is identical, but the Sontec (I think I've spelt that right) chassis does make a difference. This material is a sandwich of steel, polymer damping layer and steel, originally developed for the Lexus range of cars IIRC. Hit a sheet of it and it and it goes "donk" as opposed to "boingggg..." if you get my meaning.

We started using it in the FMJ CD23 CD player where there are clear mechanical benefits in controlling vibration to and from the drive and then specified it for the tuner 'cos it seems to have some of the same sonic benefits (somewhat to our surprise).

HTH,

John Dawson (Arcam)

"Chris Bidmead" <bidmead@UCEFREEcix.co.uk> wrote in message news:3A7A6193.6EE79430@UCEFREEcix.co.uk...
> timom wrote:
> > Ah but which Arcam?
> >
> > The Alpha 10 (£800) is very close to the sound of the DRX, while the new FMJ
> > (£1000) is a little better. (To my ears having heard all three).
>
> Interesting conclusion (a jealous Alpha 10 owner writes). But Arcam's
> Web page seems to suggest that the difference between the Alpha range
> and the FMJ range is mostly a matter of style and perhaps build
> quality. Aren't both Arcam DAB tuners built around the same Gold Card?
> To my untutored eye their tech specs
> (http://www.arcam.co.uk/alpha/tuners/techspec.html) and
> (http://www.arcam.co.uk/fmj/products/dt26ts.html) appear identical.
>
> --
> el bid

355. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 11:07:52 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a7ae6f6@news.takas.lt>
Source record: 9395

> Just go and do it, and leave us poor bastards alone.

i really don't think like that of you. no need to get upset! :)
why do you admit that you do not know anything and ask to
leave you alone? thats a good one. maybe you had a bad day, that is
not a problem of all newsgroup readers. mail me personaly if imortant.
i just don't like the people who says that something is impossible,
but really it is possible. why say something that you don't know that
it could be done????

356. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 11:07:52 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a7ae716@news.takas.lt>
Source record: 9396

> Just go and do it, and leave us poor bastards alone.

i really don't think like that of you. no need to get upset! :)
why do you admit that you do not know anything and ask to
leave you alone? thats a good one. maybe you had a bad day, that is
not a problem of all newsgroup readers. mail me personaly if imortant.
i just don't like the people who says that something is impossible,
but really it is possible. why say something that you don't know that
it could be done????

357. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 11:12:29 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a7ae71a@news.takas.lt>
Source record: 9398

hi all,

now i really see that there are some people who understand
their work pretty good.
> Personally, I wouldn't bother. There are better ways of
> solving the problem.
i wonder what ways? buying a superultracool radio link 'just' for 10000$?
it was nice of you telling this information. this is helpful information,
not
babbling.
thank you in advance!

> > (Ms. Laura, i wonder why are you so damn sure when you say that
> > two dialup modems can't be connected by two transceivers!?)
>
> Having a clue about digital communications is a good place
> to start.
>
> Telephone modems are designed for a high SNR channel whose
> characteristics are relatively constant. They run through
> a training sequence at the time of the initial connection
> and use the results from then on. Additionally, they operate
> over a full-duplex connection.
>
> Amateur communications are generally half-duplex, with a
> relatively low SNR. If you could come up with a very high
> SNR, full-time full-duplex communications and fixed channel
> characteristics, you just might be able to make it work.

358. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 11:27:40 UTC
From: "[Syst3M]" <Syst3m@xxx.lt>
Message-ID: <3a7ae721@news.takas.lt>
Source record: 9397

hello,

> Now I understand what you are after, sure you might be able to connect
> two phone line modems with two transceivers. You need two transceivers
> at your site and two at the other site :-).

yes, you are absolutely right!
just some info on this might be very helpful and nice of you.

> One of your transceivers is constantly in transmit mode on one
> frequency band and the other is constantly on receive on a separate
> frequency band. On the opposite site, the frequencies are reversed.

yes, thats what i was talking about.
one question, is 100hz-8khz audio frequency band sufficient to the modem
connection?
i think it is more than sufficient, cause telephone lines have much worser
characteristics
than my trasnceivers will have. if i can make a connection to my internet
provider at 36kbps,
using my 56k modem, than i should succeed connecting two modems by radio
link not less than
in 36kbps. (14kbps, or slower would be enough to me, but not some awful
1200bps)

> Any modern (>= 9600 bit/s) phone line modem needs a full duplex
> connection so that it can tune the equaliser with the training
> sequence when the connection is established.

sure, that is not a problem to me, i can make two transceivers and two
receivers,
who would transmit and receive constantly at my place and the same thing in
the other place.

> To get a full duplex connection using radio, you need two separate
> frequencies.

yes, i can use two frequencies to transmit and receive.
so, should i try this schematics that i sent to you, or can you suggest me
some other?
in this case the PTT is not used.
i understand your explanation well, thank you for your precious time!

359. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 13:22:39 UTC
From: Chris Bidmead <bidmead@UCEFREEcix.co.uk>
Message-ID: <3A7AB49F.97A4AFDD@UCEFREEcix.co.uk>
Source record: 9393
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

John Dawson wrote:
>
> The electical circuitry is identical, but the Sontec (I think I've
> spelt that right) chassis does make a difference. This material is a
> sandwich of steel, polymer damping layer and steel, originally
> developed for the Lexus range of cars IIRC. Hit a sheet of it and it
> and it goes "donk" as opposed to "boingggg..." if you get my meaning.

I feel a bit like Woody Allen in "Annie Hall" when he's standing in the
movie queue trying to impress his girlfriend by pontificating about
Marshall McLuan, and finds the man himself standing right behind him.
Hello, John. :-)

> We started using it in the FMJ CD23 CD player where there are clear
> mechanical benefits in controlling vibration to and from the drive and
> then specified it for the tuner 'cos it seems to have some of the same
> sonic benefits (somewhat to our surprise).

Many thanks for the additional info.

--
el bid (off to wrap his Alpha 10 in polystyrene and cooking foil to try
the donk-boinggg test).

360. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 16:57:51 UTC
From: Jeremy <Jeremy@REMOVEelmc.demon.co.uk>
Message-ID: <0K3c3JAPcue6EwH2@helmscott.net>
Source record: 9394
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

In article <3A7A6193.6EE79430@UCEFREEcix.co.uk>, Chris Bidmead
<bidmead@UCEFREEcix.co.uk> wrote:
>timom wrote:
>> Ah but which Arcam?
>>
>> The Alpha 10 (ï¿½800) is very close to the sound of the DRX, while the new FMJ
>> (ï¿½1000) is a little better. (To my ears having heard all three).

Having heard all three (and indulgently owning two of them) I would say
all are different, the arcams rather similar and better than the VL, but
all three very lovely sounds.

Jeremy

>
>Interesting conclusion (a jealous Alpha 10 owner writes). But Arcam's
>Web page seems to suggest that the difference between the Alpha range
>and the FMJ range is mostly a matter of style and perhaps build
>quality. Aren't both Arcam DAB tuners built around the same Gold Card?
>To my untutored eye their tech specs
>(http://www.arcam.co.uk/alpha/tuners/techspec.html) and
>(http://www.arcam.co.uk/fmj/products/dt26ts.html) appear identical.
>
>--
>el bid

361. Re: PK-12 TNC (Bob)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 19:46:12 UTC
From: jdouglas@timewave.com
Message-ID: <95f2ef$f3j$1@newsfeed.minn.net>
Source record: 9399

In article <95d1ghikg1@news.efn.org>, mike@efn.org wrote:
>I cant get it to do any thang it will not see the PK-12 at all
>works fine on my pk-232 so i know that the Prog. is working
>tnx kc7zfp
> Dit Dit
>>

Make sure you have the unit reset. Remove JP-1 and cycle the unit. Then try again

73

John N&#65533;ISL
Timewave Technology

362. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 20:13:02 UTC
From: marsgal42@hotmail.com
Message-ID: <95f4c6ijp1@nnrp1.deja.com>
Source record: 9400

In article <3a7ae6f6@news.takas.lt>,
"[Syst3M]" <Syst3m@xxx.lt> wrote:

> i just don't like the people who says that something is impossible,
> but really it is possible. why say something that you don't know that
> it could be done????

Then do it.

Like Rob, I'm baffled at your questions - you seem to have already
made your mind up about the answers.

What you ask is just barely possible in theory. In practice,
it's probably not possible. If it was, everybody would be
doing it and not dawdling along at 1200 baud (shudder) or
9600 baud.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

363. PK-232 and BPQ4.08a

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-02 21:41:47 UTC
From: Martin Rask <martin.rask@mailbox.swipnet.se>
Message-ID: <lPFe6.970$u7.2147@nntpserver.swip.net>
Source record: 9301

Hello
Can anyone help me with the modem settings to make it run under BPQ
I have done it before, but now I can't make it run... :-(
best regards Martin SM7VHS

364. Re: PK-232 and BPQ4.08a

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-03 02:37:04 UTC
From: Shane Deering <vk3bvp@vk3bvp.#sev.vic.aus.oc>
Message-ID: <VKBV62137EC9@vk3bvp-3.ampr.org>
Source record: 9302

"Martin Rask" <martin.rask@mailbox.swipnet.se> wrote in message
news:lPFe6.970$u7.2147@nntpserver.swip.net...
> Hello
> Can anyone help me with the modem settings to make it run under BPQ
> I have done it before, but now I can't make it run... :-(
> best regards Martin SM7VHS
>
>

```
AW 8^MPAR 0^MTRAC N^MHI N^MB E 0^MPA^MCONM TRANS^MPP Y^MRAW Y^MHP N^MKI Y^M

Works for me. But depends on firmware version.

I use mine on HF so this goes first- VHF N^MHB 300^MWIDE N^M

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm
```

365. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-03 03:58:11 UTC
From: horseshoestew@my-deja.com
Message-ID: <95fvkh$a3v$1@nnrp1.deja.com>
Source record: 9303

In article <3a7ae6f6@news.takas.lt>,
"[Syst3M]" <Syst3m@xxx.lt> wrote:
> > Just go and do it, and leave us poor bastards alone.
>
> i really don't think like that of you. no need to get upset! :)
> why do you admit that you do not know anything and ask to
> leave you alone?

He doesn't have to admit anything - he DOES knows things. It is
obvious that it is YOU that doesn't know anything(other than maybe
haven taken/are taking a 1st year Community College electronics
communications course).

> thats a good one. maybe you had a bad day, that is
> not a problem of all newsgroup readers. mail me personaly if imortant.
> i just don't like the people who says that something is impossible,
> but really it is possible. why say something that you don't know that
> it could be done????

You are still acting like a bull in a china shop.... or maybe a better
analogy is a 250W paging transmitter....

You see, what you fail to take into account in both your theory and
your posting behaviour is NOISE. Don't be suprised when people try to
turn up the squelch.

------- Stewart - N0MHS --------
Wireless Entertainment/Communication Devices, Networks, and
Public Radio Services Information(MURS,FRS,GMRS,ARS,CB):
http://www.pubcel.com

Sent via Deja.com
http://www.deja.com/

366. Re: packet radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-03 15:20:52 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <543o7t00uu1677mcfo281ef7j38rar1ua8@4ax.com>
Source record: 9304

On Fri, 2 Feb 2001 11:27:40 -0000, "[Syst3M]" <Syst3m@xxx.lt> wrote:

>> One of your transceivers is constantly in transmit mode on one
>> frequency band and the other is constantly on receive on a separate
>> frequency band. On the opposite site, the frequencies are reversed.
>
>yes, thats what i was talking about.

I checked your previous posts and I could not find any references of
using some full duplex constructions. The GIF file contained a 2/4
line hybrid and a PTT driver, strongly suggesting a simplex or half
duplex system.

>one question, is 100hz-8khz audio frequency band sufficient to the modem
>connection?

With a 40 .. 50 dB signal to noise ratio and unchanged propagation
path you could reach 14.4 or 28 kbit/s in a full duplex configuration,
but the real question is, which transceivers produce such SNR even
with an extremely strong signal. The VFO/synthesiser phase noise will
ultimately limit the SNR as will the noise from microphone amplifier
or audio amplifiers.

>i think it is more than sufficient, cause telephone lines have much worser
>characteristics than my trasnceivers will have.

Any modern telephone system is fully digitalised except for the last
few hundred meters or a few kilometers at most from the local
telephone exchange to the subscriber. Any deteriorating of the signal
will occur in these short lines. The bandwidth and signal to noise
ratio are well defined by the DAC and ADC in the telephone exchange
and the local loop wiring have much better performance than that.

>if i can make a connection to my internet provider at 36kbps,
>using my 56k modem, than i should succeed connecting two modems by radio
>link not less than in 36kbps. (14kbps, or slower would be enough to me, but not some awful
>1200bps)

These modems have been designed to exactly match the format of the
digital telephone network. The "56 k" modem can at best transmit 56
kbit/s in one direction, provided that the transmitter (usually the
ISP) is connected directly to the digital telephone network (2B+D or
30B+D), thus, the only time the signal is in analog domain is between
the local telephone exchange and the subscriber. Apparently the modem
at the subscriber has a high resolution ADC so that it can better
guess which of the 256 levels was actually generated by the DAC at the
exchange. In the opposite direction (subscriber to ISP) the modem

generates voltage levels that are quantified (truncated) to one of the possible 256 levels and transmitted to the ISP, thus reducing the number of bits/symbol and hence, limiting the uplink to something like 28 kbit/s.

This is still complicated by the A-law (or u-law in America) compression of the telephone audio signal. While the sample size is 8 bit, it is not a linear 8 bit code, but rather a compressed format (floating point format, with 4 bit mantissa, 3 bit exponent and a sign bit). If linear converters are used, the ADC/DACs have to be 12 bit wide, thus representing 72 dB SNR in the local loop (subscriber to local exchange) wiring.

Generating such S/N ratios is even hard for normal broadcast wide band FM receivers, requiring considerable amount of transmitter power, most likely 100 to 10000 times more than required to have a communication grade NBFM connection at the same distance.

The general principle is that if you are power limited, use a small number of bits/symbol (usually 1 .. 2) but if you are bandwidth limited, use as many bits/symbols as allowed by the signal to noise rate.

All modern phone line modems have been optimised for the limited bandwidth of the digital telephone network (as imposed by the 8 kHz sampling rate) with as many bits/symbol as possible. This is not the way to go with radio circuits, since adding one bit to each symbol requires increasing the signal to noise ratio by 6 dB or quadrupling the transmitter power.

Paul OH3LWR

367. 8049/8051 basd morse code tutor?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-04 06:20:17 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3A7CF4BF.119D3F1@primeline.net>
Source record: 9305
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Does anybody have plans for an 8051 series (8031) or 8049 (8035) based
morse code tutor, including ASM source code and/or a compiled rom image?
--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

368. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-04 10:00:47 UTC
From: "Skydata (AD)" <adunkerton@NOSPAM.beeb.net>
Message-ID: <95j935$1sva$1@news.beeb.net>
Source record: 9306
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

So are these now official 'buzzwords' to join/replace 'flutter', 'rumble'
and all those
mysteries of HiFi.
What measurements will be applied to a products 'donkability' ???
--
Andrew

John Dawson <xwc91@dial.pipex.com> wrote in message
news:95dt85$h8j$1@lure.pipex.net...
> The electical circuitry is identical, but the Sontec (I think I've
> spelt that right) chassis does make a difference. This material is a
> sandwich of steel, polymer damping layer and steel, originally
> developed for the Lexus range of cars IIRC. Hit a sheet of it and it
> and it goes "donk" as opposed to "boingggg..." if you get my meaning.
>
> We started using it in the FMJ CD23 CD player where there are clear
> mechanical benefits in controlling vibration to and from the drive and
> then specified it for the tuner 'cos it seems to have some of the same
> sonic benefits (somewhat to our surprise).
>
> HTH,
>
> John Dawson (Arcam)
>
>
> "Chris Bidmead" <bidmead@UCEFREEcix.co.uk> wrote in message
> news:3A7A6193.6EE79430@UCEFREEcix.co.uk...
> > timom wrote:
> > > Ah but which Arcam?
> > >
> > > The Alpha 10 (£800) is very close to the sound of the DRX, while
> the new FMJ
> > > (£1000) is a little better. (To my ears having heard all three).
> >
> > Interesting conclusion (a jealous Alpha 10 owner writes). But
> Arcam's
> > Web page seems to suggest that the difference between the Alpha
> range
> > and the FMJ range is mostly a matter of style and perhaps build
> > quality. Aren't both Arcam DAB tuners built around the same Gold
> Card?
> > To my untutored eye their tech specs
> > (http://www.arcam.co.uk/alpha/tuners/techspec.html) and

> > (http://www.arcam.co.uk/fmj/products/dt26ts.html) appear identical.
> >
> > --
> > el bid
>
>

369. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-04 13:34:46 UTC
From: k6jq@pacbell.net
Message-ID: <s9jf6.30$6V1.55911@news.pacbell.net>
Source record: 9307
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

In article <95dt85$h8j$1@lure.pipex.net>, "John Dawson"
<xwc91@dial.pipex.com> wrote:

> The electical circuitry is identical, but the Sontec (I think I've spelt
> that right) chassis does make a difference. This material is a sandwich
> of steel, polymer damping layer and steel, originally developed for the
> Lexus range of cars IIRC. Hit a sheet of it and it and it goes "donk" as
> opposed to "boingggg..." if you get my meaning.
>
> We started using it in the FMJ CD23 CD player where there are clear
> mechanical benefits in controlling vibration to and from the drive and
> then specified it for the tuner 'cos it seems to have some of the same
> sonic benefits (somewhat to our surprise).

I've encountered plenty of "microphonic" receivers and transmitters;
it doesn't surprise me a great deal to hear that a receiver benefits
from a vibration-damping chassis.

Dana K6JQ
dana@dioxine.com

370. mvt 7100 mint in box scanner 530khz-1650 mhz

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-04 23:39:15 UTC
From: cia-agent <cia-agent1@langley-hq.fsnet.co.uk>
Message-ID: <95kp6n$1an$1@news8.svr.pol.co.uk>
Source record: 9308
Cross-posted to: free.uk.amateur-radio,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,uk.radio.amateur

Hi im selling my prized yupiteru mvt7100 , its a great shame but I need the cash for a new longboard.
The scanners in the box with manual, nicads, cigar lead, and psu. auction is on ebay.
Start price is £99.00 , ive used it for decoding stuff on the computer with or without various boxes ive decoded
ACARS, POCSAG(pager signals) rtty, and packet radio. Im also an ex HAM G7BTH.
heres the link for the auction:
http://cgi.ebay.co.uk/aw-cgi/eBayISAPI.dll?ViewItem&item=1212607554
Thanks for your time

371. RTTY/PSK31 interface for TS-850

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-05 19:15:13 UTC
From: Mike Barrett <zootv@mgfairfax.rr.com>
Message-ID: <3A7EFB48.5BE1D9@mgfairfax.rr.com>
Source record: 9309
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amatuer.equipment

I've searched the web and deja news and I cannot find instructions for building a RTTY/PSK31 interface for a TS-850. Anyone able to offer some help?
Thanks,
Mike

372. Re: 8049/8051 basd morse code tutor?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-05 19:42:23 UTC
From: James Horn <jimhorn@svn.net>
Message-ID: <3a7f01d3@news.svn.net>
Source record: 9310
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Hi, Gary -

QST has published *two* sets of plans, one each circa 1988 and 1997 or so. The latter one was by an author named Stanton. The files for the processor are at the ARRL Web site (www.arrl.org). You can probably find it using Stanton as a search item.

I was planning on building one to get my Extra but jumped for an MFJ unit instead. Worked, too!

Best regards -

Jim Horn, WB9SYN/6

373. Re: RTTY/PSK31 interface for TS-850

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-05 19:45:12 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <moDf6.696$RM.3722@newsfeed.slurp.net>
Source record: 9311
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amatuer.equipment

http://www.sedan.org/sedanmap.htm

374. Re: Need More Serial Ports

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 09:19:54 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9824pq.4rg.nomail@linux.pe1chl.ampr.org>
Source record: 9312

ka9s <ka9s@mediaone.net> wrote:
>- What card would you recommend I buy (No. of serial ports, PCI/ISA,
>16550/16650 UART, Brand, Model, Retailer)?

I would recommend to first (unless you are in a hurry) look at some
junk sales, hamfests etc because many serial cards appear there for
very low prices.

I am using a 6-port ISA card from Boca, but I don't know if these even
exist today.

Whatever you buy, always make sure you have the matching cables with
it or the schematics for soldering your own cables.

>- The PCI cards "share" one IRQ. Is the ham radio software out there
>compatible with this (DOS/early windows)? Is this software driver
>application truly transparent?

I am using Linux so I really can't comment on that. All my six ports
share a single interrupt, but Linux applications always use the driver
interface so there is no problem with that.

Be careful and avoid any card that claims to be "intelligent", "has its
own CPU", "reduces load on the main processor" or has very many ports.

These cards were designed for use in multi-user systems in the character
mode terminal era, and need special drivers that usually are only available
for server operating systems. When you have a suitable driver, they
will cause problems with any application that tries to do tricks with
the serial port (like bit-banging on the status lines, using the baudrate
generator as a timing reference interrupt, etc).

But this is also more or less true for the USB serial devices.

>- I have heard the ISA cards are less self sufficient, and require more
>CPU time than the PCI cards. I like to keep several applications open at
>one time. Would an ISA adapter cause a processing slowdown?

Not one that you notice with your application. There may be a disadvantage
when running ports at high speeds and with high volumes of data.

>- Is it important to keep as many IRQ addresses open and not waist them
>on an ISA card?

Depends on your use of the system.
In my system, all available IRQs are in use. But so are all the slots.

>- Several Sound Card programs out there use the RTS or DTS leads on a
>serial port to key the transmitter or activate the PTT. Do you need a
>dedicated a physical serial port to take advantage of this, or can you
>pull these leads off of a serial port that is connected to another radio
>peripheral (double up)?

I am doing that on several ports. But I don't know if there is a problem
with this in Windows. There certainly isn't a problem in the hardware.
(one of my ports is used for 4 different applications)

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

375. Re: Docs for WA8DED firmware?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 10:35:36 UTC
From: Markus Lenggenhager <Markus.Lenggenhager@philips.com>
Message-ID: <3A8124F8.1C2362D@philips.com>
Source record: 9313

Roger Barker wrote:
> Does anyone know where I can find docs for WA8DED more recent than 1985?

Here is a version updated by DB2OS in 1993:
http://www.nordlink.org/eng/wa8host.txt

Hope this helps!

73, Markus HB9BRJ

376. Re: Docs for WA8DED firmware?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 12:16:26 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <K+aRxWA6yTg6Ewig@peaksys.co.uk>
Source record: 9314

In article <3A8124F8.1C2362D@philips.com>, Markus Lenggenhager
<Markus.Lenggenhager@philips.com> writes
>Roger Barker wrote:
>> Does anyone know where I can find docs for WA8DED more recent than 1985?
>
>Here is a version updated by DB2OS in 1993:
>http://www.nordlink.org/eng/wa8host.txt
>
>Hope this helps!

Thanks, but that is the host mode docs. It explains how to use host
mode, but it doesn't list the WA8DED commands.

What I'm looking for is a later version of a document entitled "AX.25
Version 2 Multi-channel TNC FIRMWARE (version 1.0)", which contains a
table like this:-

```
COMMAND PARAMETER DESCRIPTION
------- --------- -----------

A (1) 0 Auto linefeed disabled
1 Auto linefeed enabled
etc...
W (16) 0-127 Repeater wait (10ms)
```

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

377. Re: Need More Serial Ports

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 13:15:31 UTC
From: Christopher L McNabb <cmcnabbNOSPAM@vt.edu>
Message-ID: <95rhqe$8er$1@solaris.cc.vt.edu>
Source record: 9315

In article <3A80B041.8010403@mediaone.net>, ka9s <ka9s@mediaone.net>
wrote:

> Here are my questions for the group:
>
> - What card would you recommend I buy (No. of serial ports, PCI/ISA,
> 16550/16650 UART, Brand, Model, Retailer)?
> - The PCI cards "share" one IRQ. Is the ham radio software out there
> compatible with this (DOS/early windows)? Is this software driver
> application truly transparent?
> - I have heard the ISA cards are less self sufficient, and require more
> CPU time than the PCI cards. I like to keep several applications open at
> one time. Would an ISA adapter cause a processing slowdown?
> - Is it important to keep as many IRQ addresses open and not waist them
> on an ISA card?
> - Several Sound Card programs out there use the RTS or DTS leads on a
> serial port to key the transmitter or activate the PTT. Do you need a
> dedicated a physical serial port to take advantage of this, or can you
> pull these leads off of a serial port that is connected to another radio
> peripheral (double up)?
>
>

I have been using a Cyclades 8YS (8 serial ports capable of 115Kbps simultaneously via
2 embedded RISC processors) for many years.. They use a custom UART and are available
in both ISA and PCI. They are supported by a large number of operating systems, including
all version of MS Windows and Linux. The url is http://www.cyclades.com

--

Christopher L McNabb Tel: 540 231 7554
Operating Systems Analyst Email: cmcnabb@vt.edu
Virginia Tech ICBM: 37.205622N 80.414595W
http://cmcnabb.cc.vt.edu/~cmcnabb ARS: N2UX Grid Sq: EM97SD

378. Re: Need More Serial Ports

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 14:13:19 UTC
From: k6mhe@arrl.net
Message-ID: <3a8157d0.2782063@news.mcn.org>
Source record: 9317

Have you thought of using a USB to serial port converter? If not take
a look at http://www.bb-elec.com/add_a_port/serial_usb_chart.asp

Danny

On Tue, 06 Feb 2001 20:17:37 -0600, ka9s <ka9s@mediaone.net> wrote:

>I love automation - but I've quickly run out of serial ports to
>interconnect my various radio peripherals to my shack computer. The
>computer comes stock with two serial ports. I know I will definitely
>need two more ports, though I would like four more ports for future
>daydream projects (total of 6 ports).
>
>I have a 600 MHz Athalon PC. I've used up two PCI slots between the
>sound card and a NIC. I will be adding another NIC to interconnect my
>XYL's PC to mine. This should leave me two or three open PCI slots. The
>last slot position on the motherboard can be either PCI or ISA.
>
>The radio peripherals I will hook up are:
>- KAM+
>- FT-1000D
>- EZ-Rotor board
>- Key out/ PTT for SB programs
>
>Some future items may be:
>- Sat Rotor control (Az/El)
>- Second TNC
>
>There are several choices as to which way to go when selecting a serial
>interface adaptor card for this situation. None of the radio peripherals
>I'm going to attach to the computer are going to run at high data rates
>- so paying extra bucks for the newest/fastest technology seems silly.
>But I bet I'll be keeping my radio peripherals a lot longer than my
>computer. The next generation computer may not support ISA slots
>anymore, which would mean buying a ISA card now would be a poor choice
>(though about half the price of a PCI card). In fact, I wonder if old
>fashion serial ports will be replaced by USB only motherboards?
>
>Here are my questions for the group:
>
>- What card would you recommend I buy (No. of serial ports, PCI/ISA,
>16550/16650 UART, Brand, Model, Retailer)?
>- The PCI cards "share" one IRQ. Is the ham radio software out there
>compatible with this (DOS/early windows)? Is this software driver
>application truly transparent?

>- I have heard the ISA cards are less self sufficient, and require more
>CPU time than the PCI cards. I like to keep several applications open at
>one time. Would an ISA adapter cause a processing slowdown?
>- Is it important to keep as many IRQ addresses open and not waist them
>on an ISA card?
>- Several Sound Card programs out there use the RTS or DTS leads on a
>serial port to key the transmitter or activate the PTT. Do you need a
>dedicated a physical serial port to take advantage of this, or can you
>pull these leads off of a serial port that is connected to another radio
>peripheral (double up)?
>
>I'd appreciate any feedback
>
>Thanks - Jeff - KA9S

379. ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 14:32:54 UTC
From: Martin Peters <martin.peters1@virgin.net>
Message-ID: <V2dg6.20371$Ee3.515338@news6-win.server.ntlworld.com>
Source record: 9316

Running QRP PSK31 with Digipan 1.2 and noticed that, as well as the wanted trace of an incoming signal, I've got weaker traces of the same signal on the display. The stronger the wanted signal, the worse the effect. Using a Yaesu as the receiver. Have not tried an alternative rx as yet.

Any thoughts appreciated.

Martin - G4EFE

380. Re: Docs for WA8DED firmware?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 15:13:02 UTC
From: Markus Lenggenhager <Markus.Lenggenhager@philips.com>
Message-ID: <3A8165FE.CAA9BE46@philips.com>
Source record: 9318

Try here:
http://www.nordlink.org/eng/tf.htm

73, Markus HB9BRJ

381. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 15:32:53 UTC
From: Al Bockelman <abockelm@optonline.net>
Message-ID: <FUdg6.27839$s12.4548399@news02.optonline.net>
Source record: 9319

Didn't ever have that problem. But we're up to version 1.6d now. Maybe an upgrade would help.

382. Re: Need More Serial Ports

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 16:27:18 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <GHeg6.15320$vh.662618@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9320

"ka9s" <ka9s@mediaone.net> wrote in message
news:3A80B041.8010403@mediaone.net...
> I love automation - but I've quickly run out of serial ports to
> interconnect my various radio peripherals to my shack computer. The
> computer comes stock with two serial ports. I know I will definitely
> need two more ports, though I would like four more ports for future
> daydream projects (total of 6 ports).
>
> I have a 600 MHz Athalon PC. I've used up two PCI slots between the
> sound card and a NIC. I will be adding another NIC to interconnect my
> XYL's PC to mine. This should leave me two or three open PCI slots. The
> last slot position on the motherboard can be either PCI or ISA.
>
> The radio peripherals I will hook up are:
> - KAM+
> - FT-1000D
> - EZ-Rotor board
> - Key out/ PTT for SB programs
>
> Some future items may be:
> - Sat Rotor control (Az/El)
> - Second TNC
>
> There are several choices as to which way to go when selecting a serial
> interface adaptor card for this situation. None of the radio peripherals
> I'm going to attach to the computer are going to run at high data rates
> - so paying extra bucks for the newest/fastest technology seems silly.
> But I bet I'll be keeping my radio peripherals a lot longer than my
> computer. The next generation computer may not support ISA slots
> anymore, which would mean buying a ISA card now would be a poor choice
> (though about half the price of a PCI card). In fact, I wonder if old
> fashion serial ports will be replaced by USB only motherboards?
>
> Here are my questions for the group:
>
> - What card would you recommend I buy (No. of serial ports, PCI/ISA,
> 16550/16650 UART, Brand, Model, Retailer)?

I have had good luck with the 4 port ISA cards from Dolphin.

> - The PCI cards "share" one IRQ. Is the ham radio software out there
> compatible with this (DOS/early windows)? Is this software driver
> application truly transparent?

The driver is not transparent.

> - I have heard the ISA cards are less self sufficient, and require more
> CPU time than the PCI cards. I like to keep several applications open at
> one time. Would an ISA adapter cause a processing slowdown?

Not true.

> - Is it important to keep as many IRQ addresses open and not waist them
> on an ISA card?

Depends on what else you plan to do with the machine.

> - Several Sound Card programs out there use the RTS or DTS leads on a
> serial port to key the transmitter or activate the PTT. Do you need a
> dedicated a physical serial port to take advantage of this, or can you
> pull these leads off of a serial port that is connected to another radio
> peripheral (double up)?

No software supports this.

>
> I'd appreciate any feedback

It all depends on how many serial ports you need, and exactly
what software will access them. The DOS machine over to my
right has 11 serial ports ... but that's a special case.

--

... Hank

http://horedson.home.att.net

383. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 16:40:36 UTC
From: Laura Halliday <marsgal42@hotmail.com>
Message-ID: <95rtq2$l7h$1@nnrp1.deja.com>
Source record: 9321

In article <V2dg6.20371$Ee3.515338@news6-win.server.ntlworld.com>,
"Martin Peters" <martin.peters1@virgin.net> wrote:

> Running QRP PSK31 with Digipan 1.2 and noticed that, as well as
> the wanted trace of an incoming signal, I've got weaker traces
> of the same signal on the display. The stronger the wanted
> signal, the worse the effect. Using a Yaesu as the receiver.
> Have not tried an alternative rx as yet.

Possiblity 1: IMD.

Possibility 2: Birdies.
--
Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

384. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 17:55:41 UTC
From: spock@visi.com
Message-ID: <x_fg6.6902$77.159045@ruti.visi.com>
Source record: 9322

In article <V2dg6.20371$Ee3.515338@news6-win.server.ntlworld.com>,
Martin Peters <martin.peters1@virgin.net> wrote:
>Running QRP PSK31 with Digipan 1.2 and noticed that, as well as the wanted
>trace of an incoming signal, I've got weaker traces of the same signal on
>the display. The stronger the wanted signal, the worse the effect. Using a
>Yaesu as the receiver. Have not tried an alternative rx as yet.
>
>Any thoughts appreciated.
>
>Martin - G4EFE

I've seen this a few times myself. The "ghost" will typically be at 3
times the audio frequency of the "main" signal. This I attribute to the
transmitting station overdriving the input of their rig, flat-topping the
audio signal. That would result in 3rd, 5th, 7th, etc. harmonics.

--
Jeff - N0QFG
--
Jeff Wilson

385. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-07 19:57:13 UTC
From: Kurt Brandstetter OE1002419 <kurt.brandstetter@chello.at>
Message-ID: <tMhg6.7390$1C6.204047@news.chello.at>
Source record: 9323

Reduce the input on your soundcard, what you see are harmonics.
Every digital converter shows you these birdies if the input to the
soundcard is too high. But the different programs like MMTTY or Digipan have
different sensivitit�es for this harmonics.

BTW its time to upgrade; a new versionis out since 3 days. Go to:
http://members.home.com/hteller/digipan/ and load your version 1.6d.
I think its time for it !

Greetings from Vienna
Kurt. OE1002419

Martin Peters schrieb in Nachricht ...
>Running QRP PSK31 with Digipan 1.2 and noticed that, as well as the wanted
>trace of an incoming signal, I've got weaker traces of the same signal on
>the display. The stronger the wanted signal, the worse the effect. Using a
>Yaesu as the receiver. Have not tried an alternative rx as yet.
>
>Any thoughts appreciated.
>
>Martin - G4EFE
>
>

386. New PSK Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-08 01:59:52 UTC
From: Dave deSouza <g3vfp@btinternet.com>
Message-ID: <95suo8gqn1@uranium.btinternet.com>
Source record: 9324

Hello all.

Just to say I have added PAL-PSK software to the files on my download page. It is relatively new psk software from Erik VK7AAB. It has waterfall, and scope display. Can be used with upto three channels, and has a logging report utility built in. Developed using Visual Basic, with the PSK Core taken from Moe AE4JY's excellent work. Easy to set up, it is worth taking a look at. This version was completed on Dec 18th 2000.

Have a play with it, and see what you think.

http://www.btinternet.com/~g3vfp/download.html

Regards,

Dave G3VFP.

387. Re: Videologic Digital Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-08 16:41:44 UTC
From: fama <fama@hemscott.net>
Message-ID: <95uig9$pv8$1@lure.pipex.net>
Source record: 9325
Cross-posted to: alt.radio.digital,rec.audio.misc,rec.radio.amateur.digital.misc

Mike O'Sullivan <mike@barnaby0.demon.co.uk> wrote in message
news:980072221.4309.2.nnrp-10.c1ed6aae@news.demon.co.uk...
> The Gramophone carried a review of this £300 tuner. This is considerably
> cheaper than previous digital tuners. Has anybody had any experience of
this
> model?
>
> Also, I don't know much about digital radio reception. . I use a FUBA
> roof-mounted aerial with a Stolle rotator so I have good analogue
reception,
> with a choice of three transmitters. Is a strong analogue signal likely to
> have a negative impact on digital reception? With digital TV, a too strong
> analogue signal can severely degrade the quality of the digital picture.
Is
> this also true of radio?
>
> Thanks
> Mike
>
>
> i was looking for this today the shop i visited had arcam/technics and one
other i havent read the gramophome review
but there was a review in hifi world
i heard the arcam briefly in an unfamiliar set up it was far from impressive
the sound could be described as "thin"
as to your other questions i dont know. why dont you ring videologic
the videologic seems well priced tho and im quite interested mainly to
increase my choice of channels etcQED-UK(i think thats what their called)
online sell it for £248 including carriage 2yr guarantee

388. TM-V7 WIRELESS REMOTE PROJECT STATUS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-08 20:20:08 UTC
From: "F.A.C.T." <atomski@EUnet.yu>
Message-ID: <3A82FF78.77B55ADC@EUnet.yu>
Source record: 9326
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur,rec.radio.amateur.digital.misc

INTRODUCTION

Hello again,
my name is Vladimir and my HAM callsign is YZ7REA.
This is my second addressing to the general HAM population worldwide
in regards to this project. For those of you that are familiar with
the project goal I can say that I'm not gonna bore you too much. But
on the other hand I'll give a "short" brief about this project for those
that don't know whatta heck I'm talking about.
"TM-V7 WIRELESS REMOTE"... Sounds interesting? Well it sure is!
And it's simple too! For all of you that are familiar with this KENWOOD
mobile radio and own/would like to own one, this project will open a
whole new view. The goal of this project is to separate the detachable
front panel from the radio and establish the digital communication
between them at distances of several miles or even more. Why? For many
reasons. If you live in a heavily populated area and have problems with
TVI, live in an area where the density of HAMs is big or you just wanna
be "on a top of a hill" and be able to make contacts at larger distances
without using a lot of power or spending a lot of money on directional
antennas, rotators and tracking/positioning systems this project will
give you all that you need.

DISCLAIMER

Before I go further with explaining how the system will work
I have to say that this project will NOT be in compliance with laws in
some states or countries. Respect that as you respect the HAM code that
prevents you from transmitting outside the boundaries of amateur bands.
First of all let me tell you that I won't be selling this system to
anyone nor will I sell schematic diagrams or any PCB's etc. This is my
idea and I want to share it with HAMs worldwide. So, what you choose to
do with it is your own business. All I ask of you is that you mention
my name and callsign if and when you post any info about this project
on/in discussion forums, publications magazines etc. Second, if any of
you should choose to use my idea for commercial purposes I ask that
you write me an e-mail notifying me about that. Third and the last,
I'm not going to responsible if any of you choose to use this system
even if it means breaking the law in their country/state.

TECHNICAL STUFF

I'm working on the system whenever I have spare time on my
hands (and that ain't often). So, I'll keep you informed as the project
develops.

1. General info

According to the KENWOOD TM-V7 service manual the four pins that you
can see when you remove the front panel (LCD/control unit) are:

-----
[o] pin 4 - 9.6V
[o] pin 3 - GND
[o] pin 2 - Data out
[o] pin 1 - Data in

After measurement with an oscilloscope and volt meter I found this
data to be TRUE. What you should know is that data communication is
asynchronous with speed of 3125 bps (3K2). The control unit checks
to see if the panel is connected to the radio every 0.5 seconds and
if it misses two counts it assumes the panel is taken off and shuts
off the radio. So, this means that you need a FULL-DUPLEX link to
be able to connect these two together. The easiest (I'm not saying
the best) way is to use pair of full-duplex radios on 900MHz, 23cm,
13cm or any other band that has a "amateur digital communications"
slice of the spectrum in it. Of course you have to be sure to use
the band that is legal for this stuff e.g.: packet radio link freq.
I'm using a 3cm ATV FM transmitter with 5 sub carriers on each side
and no video "carrier". You can use any carrier from 5-8.28 MHz.
You'll need to relay the following signals from the CONTROL PANEL
to the radio:

1. PTT, UP and DOWN button control*
2. MICROPHONE
3. PANEL DATA OUT (3125 bps)
4. DATA TERMINAL TX
(connection from PC, packet modem, SB etc. max. 9K6)
5. AUX (used for remote switching of PA's etc.)

You'll need to receive the following signals from the radio:

1. VHF RX AUDIO
2. UHF RX AUDIO
3. PANEL DATA IN (3125 bps)
4. DATA TERMINAL RX
(connection to PC, packet modem, SB etc. max. 9K6)
5. AUX (used for remote switching indication etc.)

* Three button control via a single wire/carrier can be achieved by
using the 3 different tones. Something like CTCSS, but they can be any
frequency even hearable from couple of hundred Hz up to couple of KHz.
By using a PLL DETECTOR on the other side you can precisely determine
which button/key has been pressed.

2. Transmitter(s)

You can use many solutions from cross-band (example 23/13cm)
to in-band full-duplex radios. I leave this to you to decide. As I said

I will be using 3cm amateur microwave radios, both for PANEL and RADIO side of the link. Small antennas, little power, huge gain, simplicity of construction, great directivity and the most important thing good frequency separation in free space at antennas just couple of feet apart are why I decided to use this band for my project. As little as 10mW and a 36" dish will cover the distance of more than 15 miles if line-of-site is present.

3. Receiver(s)

Commercial LNB's, SAT dishes and SAT receivers with small mods can be used.

4. MODULATORS/DEMODULATORS

This really depends on the type of radio that you're planning to use, but bear this in mind. All the signals you need to relay are in fact NBFM signals. This means that you DON't have to use WBFM sound carriers like I did. There are certainly much better solutions than mine but this one, as I said before, was the easiest one for me since I already had some equipment that I wasn't using.

5. COSTS

This is also very relative, but if you use some old uW equipment for 3cm like I did it comes very cheap to have such a system. All taken in consideration the total cost for this system shouldn't exceed $150.

5. LIMITATIONS

Laws that prohibit this type of data transfer, line-of-site is a must, very bad weather like heavy rain, snow thick fog etc. can downgrade the system reliability. More than one TM-V7 WIRELESS REMOTE system at the same frequency in each other signal path can probably interfere with each other (I haven't tried this). And probably more...

6. BENEFITS

Just think about it for a sec!

Well I'll rap it up for now. Feel free to ask any questions regarding the system, but please don't ask for any schematics 'couse I still haven't drawn them yet. They're all in my head for now. I'll probably put more info on my web page later on once my system is up and running and monitored for some time.

****
I'd like to thank KENWOOD for "helping" me with this project and directing me to the nearest KENWOOD dealer to spend $40 for the Service Manual. Also thanks to KENWOOD technical support who told me that if they gave me the DFK-3C for this project they'd go bankrupt. :) I know that they get all kinds of weird requests every day, but I also know that every Tom, Dick and Harry don't make something like this and share it with fellow HAMs all around the globe.

****

As for me... No medals please! :) I'm proud to be a HAM!

Your HAM friend from YU-land
YZ7REA Vladimir

389. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 02:14:08 UTC
From: Gerard M Foley <gfoley@columbus.rr.com>
Message-ID: <Qt1h6.24388$kU6.876672@typhoon.columbus.rr.com>
Source record: 9327

Lots of people are overdriving their transmitters, producing lots of distortion products. Even the best practice will produce some spurious output.

"Martin Peters" <martin.peters1@virgin.net> wrote in message news:V2dg6.20371$Ee3.515338@news6-win.server.ntlworld.com...
> Running QRP PSK31 with Digipan 1.2 and noticed that, as well as the wanted
> trace of an incoming signal, I've got weaker traces of the same signal on
> the display. The stronger the wanted signal, the worse the effect. Using a
> Yaesu as the receiver. Have not tried an alternative rx as yet.
>
> Any thoughts appreciated.
>
> Martin - G4EFE
>

--
Gerry K8EF

http://home.columbus.rr.com/gfoley/

390. Re: TVI 6 METERS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 03:13:02 UTC
From: rue@air.no.ca
Message-ID: <3a84ad77.30047714@news.air.on.ca>
Source record: 9328

Dave: Sri to inform you, but Mini-dish OR even BUD (Big Ugly Dish)
will save your marriage should you get hooked on 6m. Give it a
consideration. I'm sure your family would eventually pay little
attention to Ch 2-5 off your multiband TV yagi. 6m FM is not
so bad as ssb (FM by nature dosn't have the PEP voltages even
10W ssb has). 6m will never attract the grocery list comms of
2m because of the technical/TVI challenges, but there is a great
bunch of hams on the magic band minus the cw egos. Passive filters
don' twork
because of analog TV's wideband recievers. Granted a good
ground, topnotch coax with short runs and a quality radio will
minimize TVI within you're nieghborhood and home. But forget
chs 2-4 over air ..especially with a broadband amp
Work at it...the openings are worth it.
Ericve3rue

On Fri, 26 Jan 2001 19:55:45 -0500, "David J. Moge"
<n1rzb@mailops.com> wrote:

>In brief, I have a multi element TV antenna with a amplifier connecting to 4
>televisions. The house lot is laid out in such a way that it's very hard to
>string antennas up with out having them in close proximity to the TV
>antenna. Cable is not an option. Satellite is possible but would like to
>keep regular TV antenna.
>
>At Christmas I found a Six Meter rig under the tree.(MFJ 9406 SSB/CW 10
>Watts) which my wife gave me. I put up a dipole to try it out and to my
>surprise it works quite well. With a antenna tuner I have a 1.3:1 SWR.
>
>My wife hasn't stopped yelling at me sense. Every time I key the mike or try
>out CW the TV's go blank. I have tried a HI PASS filter but that doesn't do
>much good at all.
>My HF rigs cause no problems at all. I do have a good RF ground
>
>WHAT AM I DOING WRONG??? HELP!!!
>
>Any comments and suggestions would be gratefully appreciated.
>
>Thanks
>DAVE, N1RZB
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391. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 06:37:36 UTC
From: wf3h@ptd.net
Message-ID: <3a84df92.4760621@news.ptdprolog.net>
Source record: 9329

On Sat, 10 Feb 2001 02:14:08 GMT, "Gerard M Foley"
<gfoley@columbus.rr.com> wrote:

>Lots of people are overdriving their transmitters, producing lots of =
>distortion products. Even the best practice will produce some spurious =
>output.

tis true. after I got on to psk, a friend, K2NJ, watched my output and
helped me tone it down...turns out optimum, on the 756pro, is about
1/4 of the full mic gain. your mileage may vary....

392. MMTTY VER1.61E AVAILABLE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 14:10:12 UTC
From: Dave deSouza <g3vfp@btinternet.com>
Message-ID: <963i9r$73s$1@uranium.btinternet.com>
Source record: 9330

Hi guys.

Just to say that JE3HHT Mako's latest RTTY software release of MMTTY Ver 1.61E is now available for download from my U.K site.

http://www.btinternet.com/~g3vfp

Best Regards,

Dave G3VFP.

393. Re: TVI 6 METERS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 15:37:45 UTC
From: ka7slc@worldnet.att.net
Message-ID: <3a855c25.558119@netnews.worldnet.att.net>
Source record: 9331

6 meter FM is as bad on TVI, because it's a constant carrier and wider
bandwidth...
I have found in my many years of avid 6 mtr fun, that lower power on
SSB (10 watts) is possible and tvi is almost unnoticible but the use
of the same power on 525 FM wipes out the tv's.

If there is a six meter opening, 5 watts can work a nation!

>Dave: Sri to inform you, but Mini-dish OR even BUD (Big Ugly Dish)
>will save your marriage should you get hooked on 6m. Give it a
>consideration. I'm sure your family would eventually pay little
>attention to Ch 2-5 off your multiband TV yagi. 6m FM is not
>so bad as ssb (FM by nature dosn't have the PEP voltages even
>10W ssb has). 6m will never attract the grocery list comms of
>2m because of the technical/TVI challenges, but there is a great
>bunch of hams on the magic band minus the cw egos. Passive filters
>don' twork
>because of analog TV's wideband recievers. Granted a good
>ground, topnotch coax with short runs and a quality radio will
>minimize TVI within you're nieghborhood and home. But forget
>chs 2-4 over air ..especially with a broadband amp
> Work at it...the openings are worth it.
>Ericve3rue
>
>
>
>On Fri, 26 Jan 2001 19:55:45 -0500, "David J. Moge"
><n1rzb@mailops.com> wrote:
>
>>In brief, I have a multi element TV antenna with a amplifier connecting to 4
>>televisions. The house lot is laid out in such a way that it's very hard to
>>string antennas up with out having them in close proximity to the TV
>>antenna. Cable is not an option. Satellite is possible but would like to
>>keep regular TV antenna.
>>
>>At Christmas I found a Six Meter rig under the tree.(MFJ 9406 SSB/CW 10
>>Watts) which my wife gave me. I put up a dipole to try it out and to my
>>surprise it works quite well. With a antenna tuner I have a 1.3:1 SWR.
>>
>>My wife hasn't stopped yelling at me sense. Every time I key the mike or try
>>out CW the TV's go blank. I have tried a HI PASS filter but that doesn't do
>>much good at all.
>>My HF rigs cause no problems at all. I do have a good RF ground
>>
>>WHAT AM I DOING WRONG??? HELP!!!

>>
>>Any comments and suggestions would be gratefully appreciated.
>>
>>Thanks
>>DAVE, N1RZB
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394. Re: ghost trace on Digipan

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-10 15:54:22 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <%tdh6.173$hF5.1817@newsfeed.slurp.net>
Source record: 9332

Don't forget, IMD is caused by non-linearity *anywhere* in the signal chain including your own receiver and sound card. If you find that *everyone* has distortion or *all strong stations* have distortion you might want to investigate your receiver. On some receivers fast AGC can cause IMD number to be poor on signals S5 or above.

395. FS: MFJ 1025 Noise Canceller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-11 02:50:54 UTC
From: W5CIA <w5cia@nospam.hotmail.com>
Message-ID: <9ynh6.86840$Ch.14217822@newsrump.sjc.telocity.net>
Source record: 9333

On Ebay http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1213898077

Buy it Now set @ $90.00

--
Thanks
STEVE
W5CIA
DXCC 327

remove nospam on email address to reply

396. KAM+ Win software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-12 04:49:08 UTC
From: budbechtel@my-deja.com
Message-ID: <967q02$8jm$1@nnrp1.deja.com>
Source record: 9334

Just bought a new HP laptop with WinMe. Win will
not release the serial port to the pgm. Is there a
fix or is there win-based s/w that will give me
the digital modes with the KAM+

Bud

Sent via Deja.com
http://www.deja.com/

397. Re: PK-12 TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-12 09:37:49 UTC
From: ccares <ccares@email.msn.com>
Message-ID: <#FsjwdNlAHA.338@cpmsnbbsa09>
Source record: 9335

Try XPWare...
"Your Full Name" <you@efn.org> wrote in message
news:951p3u$oo2$1@news.efn.org...
> I am look for the Software to run on my PK-12 is there any one out
> there that can help
> me with this .... I have try "PACKRAT" PKTerm99 and thay will not work
> it is working
> i have had it on the air with PKGold but it will only run for 30Min.,
> TNX for any Help
> De KC7ZFP (mike) kc7zfp@juno.com
> 73's
> Dit Dit
>

398. Annybody for a little Hell?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-12 12:28:58 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t8flmjleqa0660@corp.supernews.com>
Source record: 9336

Don't you just love the name? Anyway, just finished playing with
Hellschreiber last night and had one QSO. This is a very interesting mode.
Antique, yet new. Anybody wanna try it? Look for me on 14.063.

Regards,

Duffy - WB8NUT

399. Re: KAM+ Win software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-12 12:57:03 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <q3Rh6.5201$j45.317892@e3500-chi1.usenetserver.com>
Source record: 9337

Bud,

Pacterm '98 will work fine on your Laptop. It's true 32 bit and runs with
Windows 95/98/Me as well as Wiwndows NT/2000.

Download the demo from http://www.cssincorp.com/pacterm

Rick - W4PC

<budbechtel@my-deja.com> wrote in message
news:967q02$8jm$1@nnrp1.deja.com...
> Just bought a new HP laptop with WinMe. Win will
> not release the serial port to the pgm. Is there a
> fix or is there win-based s/w that will give me
> the digital modes with the KAM+
>
> Bud
>
>
> Sent via Deja.com
> http://www.deja.com/

400. NEW SSTV SOFTWARE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-12 23:13:25 UTC
From: Dave deSouza <g3vfp@btinternet.com>
Message-ID: <969qsi$k0q$2@neptunium.btinternet.com>
Source record: 9338

Hi All.

Just to say that Mako JA3HHT has released his Alpha test versions of his new SSTV software called MM-SSTV. I have it on my download page if you are interested in having a play :-).

http://www.btinternet.com/~g3vfp

Cheers,

Dave G3VFP

401. Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-13 14:39:16 UTC
From: Ian <download@newsguy.com>
Message-ID: <FDE73DDFEF8E7E6B.528E2298DFC031C1.F60F8E8E39A6FF39@lp.airnews.net>
Source record: 9339

Hello all.
I was wondering if operating PSK-31 on my old FT-101 would be possible.
The manual prides itself on having only fifteen transistors. Is this
vintage radio too old to be running packet on?
Thanks!

402. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-13 21:53:46 UTC
From: pmunsel@aol.com
Message-ID: <20010213165346.20064.00000811@ng-cl1.aol.com>
Source record: 9340

I know the 101 was a good radio in it's time for use with a TNC and packet, as well as RTTY. I am not sure however if it will be easy to use with the new "soundcard" modes. I am sure an interface will be needed to avoid any high voltage problems getting into the computer. I have not done much with the new modes, but something like the "Rigblaster" may be the answer.
Hope someone can be of more help.
73,
Paul Munsel N5XMV

403. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-14 04:27:28 UTC
From: Jan Ditzian <ditzian@alltel.net>
Message-ID: <3A8A0930.5FC97F26@alltel.net>
Source record: 9341

Ian wrote:

> Hello all.
> I was wondering if operating PSK-31 on my old FT-101 would be possible.
> The manual prides itself on having only fifteen transistors. Is this
> vintage radio too old to be running packet on?

Ian,

I have worked stations on PSK-31 using FT-101E series radios. They drift, compared to more modern radios, but you can get away with it because everyone uses AFSK and AFC. On the other hand, it is easy to lose copy of someone who is drifting, and to take a few seconds to get it back. I would say that you should go ahead and do it, but think about a more modern radio if you are going to use this very narrow bandwidth mode.

I saw the note about voltages getting into the computer. I do not know if there is a rear constant-voltage output on the FT-101, but I doubt it. You can steal the audio out of the rig from the headset jack, and that should not be too much for the computer to handle. That takes care of receive.

On transmit, I don't think that there is a high voltage on the mic input, but check. The interface that is shown in the Zakanaka and MMTTY Help files, consisting of a 1:1 transformer followed by a voltage divider, then into the mic input, will keep microphone voltage out of the sound board. It will cost you under $10 if you purchase all parts brand new at Radio Shack, box included. I bought the parts two weeks ago for $7.30 plus tax, and gave the finished interface to a friend today. It took 30 minutes to put together, including the time to drill holes for the phono jacks. This is the interface that I use with my Ten-Tec Omni VI. You can also check out Rigblaster and Buck Rogers' sites, along with other suppliers. The urls for these are in the same Help files. The interface will be the same for a new radio, if you decide to replace the FT-101.

T/R switching is a separate issue. If you have vox, you can avoid any more wires and use that. If not, there are designs in the Help files for transistor and optoisolator interfaces to protect the COM port you use for T/R control, and the Buck Rogers url has a bunch of designs you can build, or get from Buck. I think this T/R interface is also part of the Rigblaster device.

73,
Jan, KX2A

404. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-14 05:01:23 UTC
From: Ian <download@newsguy.com>
Message-ID: <6C5CE4606EA31235.2565D70815FFD39E.D955AE11B460989F@lp.airnews.net>
Source record: 9342

"Jan Ditzian" <ditzian@alltel.net> wrote in message
news:3A8A0930.5FC97F26@alltel.net...
> Ian,
>
> I have worked stations on PSK-31 using FT-101E series radios. They drift,
> compared to more modern radios, but you can get away with it because
everyone
> uses AFSK and AFC. On the other hand, it is easy to lose copy of someone
who is
> drifting, and to take a few seconds to get it back. I would say that you
should
> go ahead and do it, but think about a more modern radio if you are going
to use
> this very narrow bandwidth mode.
>
> I saw the note about voltages getting into the computer. I do not know if
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> is a rear constant-voltage output on the FT-101, but I doubt it. You can
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> the audio out of the rig from the headset jack, and that should not be too
much
> for the computer to handle. That takes care of receive.
>
> On transmit, I don't think that there is a high voltage on the mic input,
but
> check. The interface that is shown in the Zakanaka and MMTTY Help files,
> consisting of a 1:1 transformer followed by a voltage divider, then into
the mic
> input, will keep microphone voltage out of the sound board. It will cost
you
> under $10 if you purchase all parts brand new at Radio Shack, box
included. I
> bought the parts two weeks ago for $7.30 plus tax, and gave the finished
> interface to a friend today. It took 30 minutes to put together,
including the
> time to drill holes for the phono jacks. This is the interface that I use
with
> my Ten-Tec Omni VI. You can also check out Rigblaster and Buck Rogers'
sites,
> along with other suppliers. The urls for these are in the same Help
files. The
> interface will be the same for a new radio, if you decide to replace the
FT-101.
>

> T/R switching is a separate issue. If you have vox, you can avoid any
more
> wires and use that. If not, there are designs in the Help files for
transistor
> and optoisolator interfaces to protect the COM port you use for T/R
control, and
> the Buck Rogers url has a bunch of designs you can build, or get from
Buck. I
> think this T/R interface is also part of the Rigblaster device.
>
> 73,
> Jan, KX2A

Thanks for the input and advise. It is nice to know that I can get away from having to purchase a new rig to operate this mode. Would you suggest purchasing a frequency counter to monitor and correct drift or is there another way to prevent it from happening?
Also, what, in your opinion, would be a good modern HF radio for working digital modes?

BTW It has been about six years since I have operated on the HF or any HAM band due to being in the military stationed overseas where I was not authorized to operate or setup a station. Being out of the loop for so long, I recently found out that my Tech Plus license is no longer valid anymore!? This is back when vanity callsigns were a dream and the no-code tech was not no-code. No worries, though; I am scheduled to test out next month.
All I ever used to use on HF was CW and from what I gather, CW is losing popularity with many amateurs now. Oh, well. On to better things and this psk31 mode has intrigued me.

Thanks again for the advice.

73,
Ian KB5TBA

405. WTB: TAPR 2 or MFJ packet TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-14 06:15:51 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3a8a2347$1@news.enetis.net>
Source record: 9343
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.swap

```
Wanted: TAPR2 Rev 2 or MFJ 1270 (no
suffix letter) packet TNC. Please state
condition, and your selling price.

Thanks

John
..
```

406. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-14 12:55:04 UTC
From: "Alan P. Biddle" <APBIDDLE@ATT.NET>
Message-ID: <muvk8tov2dg6rhat0miaksukeh7tahcrca@4ax.com>
Source record: 9344

```
X-Original-Message-ID:
<6C5CE4606EA31235.2565D70815FFD39E.D955AE11B460989F@lp.airnews.net>
X-Agent-Group: rec.radio.amateur.digital.misc
X-Agent-Format: 0 1 0 1 1 500000 0 0 1 0 "*" 0

Ian,

One minor addition to the good suggestions. Make certain you follow
the AM power limitations. PSK is a constant duty mode, and those
sweep tubes are getting hard to find. Good luck!

Alan
WA4SCA
```

407. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-14 18:09:55 UTC
From: Ian <download@newsguy.com>
Message-ID: <B6F286CB03EB191A.F9A63716D8BD4FEE.282EF37FBC3D46EC@lp.airnews.net>
Source record: 9345

Alan,
I appreciate the heads up (- again, what a great group! -).

I bought this rig at a '92 Dallas hamfest as-is for $50. It was in good visible condition but the owner said that he knew nothing about its operation. So, I paid him the $50 and took it off of his hands. Upon setting it up and plugging it in, I noticed that several of the tubes were not heating up. I could not even hear anything over the speaker. Discouraged about not being able to QSO on my first "new" rig and being out $50, I went for a walk in the woods.
About a mile and a half out, I walked to a creek where I found a trash heap that washed in. I noticed that there, in the trash heap, was an old antique tube type television. I quickly removed the "wing nuts", pulled off the back cover, and removed all of the tubes out of the old set that I could carry. Surprisingly, three of the tubes out of the old set were identical replacements: 12BY7A, 3EJ6C, and another that I cannot recall. What luck!
My first HF QSO was on what I thought was the 10M band voice. "CQ CQ CQ from KB5TBA!", and a quick reply, "KB5TBA this is Travis. How copy?" During the QSO I asked "Travis" what his call sign was and he said that he was not a ham but a CB'er. I know my VFO and band was set on 10M. I asked him what frequency that we were on and he gave me a freq that was about 3MHz lower than my VFO indicated. He said, "We are between the 10 and 12 meter bands - a kind of dead space. Don't worry, everybody does it!" Panicking I replied, "I gotta go!" and shut off my radio. HIHI
Upening up the radio and checking the xtals, I noticed that they were replaced to operate CB! So, I stuck on 40M CW from then on. I eventually changed the crystals but I never again switched my dial over to 10M since.

Yeah, I know about how hard it is to get tubes for these things. I was lucky, in my case. I have a feeling that the finals are going which are a pair 6JS6C's (I think). A couple years ago I checked on a spares. They had a price tag of $69 each!

"Alan P. Biddle" <APBIDDLE@ATT.NET> wrote in message news:muvk8tov2dg6rhat0miaksukeh7tahcrca@4ax.com...

> Ian,
>
> One minor addition to the good suggestions. Make certain you follow
> the AM power limitations. PSK is a constant duty mode, and those
> sweep tubes are getting hard to find. Good luck!
>
> Alan
> WA4SCA
>

408. PSK-31 On A TS-450 Under Computer Control?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 02:59:42 UTC
From: n5kzw@iname.com
Message-ID: <3a8b43be.13512315@news.infohwy.com>
Source record: 9346
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

I would like to operate some of the digital modes on a TS-450S while at the same time having the computer in control of the rig. YPLog appears to support this, but I'm having trouble with the I/F.

I built up the soundcard I/F using isolation transformers and an opto-isolator to connect the rig and the computer through the 13-pin DIN connector and the serial port. The I/F works as advertised.

I also bought the W1GEE I/F to control the rig from the computer, and it also works as advertised.

The problem is that I want to use both of them at the same time.

The PSK-31 I/F wants to use RTS or DTR to key the transmitter, but the W1GEE uses both of these signals when talking to the rig. Also, the PSK-31 I/F takes great care to isolate the rig ground from the computer ground. The W1GEE I/F ties the two grounds together.

Has anyone done this on a TS-450S successfully?

Thanks,
Ed - N5KZW

409. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 04:04:38 UTC
From: Jan Ditzian <ditzian@alltel.net>
Message-ID: <3A8B5556.84301336@alltel.net>
Source record: 9347

Ian wrote:

>
> Thanks for the input and advise. It is nice to know that I can get away
> from having to purchase a new rig to operate this mode. Would you suggest
> purchasing a frequency counter to monitor and correct drift or is there
> another way to prevent it from happening?

No. I am talking about drift of a few Hz. at a time. Don't touch the dial during the QSO, PSK31 is too demanding. Let the other guy's AFC do the job. You will not be able to make the corrections. You should probably warm up the rig for 30 minutes before going on PSK31, but, of course, you can make CW qsos during that time, hi.

>
> Also, what, in your opinion, would be a good modern HF radio for working
> digital modes?

I won't make a recommendation, but almost anything completely solid state will probably do. I would just about guarantee any ham radio made in the last 10 years as OK, as long as the actual radio that you get does not drift more than the specs say.

73,
Jan, KX2A

410. 1 GHz receiver (DSS?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 10:27:15 UTC
From: Steve Sampson <k5okc@nospamhome.com>
Message-ID: <7aOi6.237702$ge4.81458272@news2.rdc2.tx.home.com>
Source record: 9348

I've been doing some web searches for DSS receiver modules.
Does anyone know of a source for a cheap ($20 - $30) source
for these. I'm interested, because they are operate with a 1 GHz
input. This is for an application other than MPEG video. As I
understand it, the dish downconverts the satellite signal to 1 GHz
IF, which the receiver that hooks up to that, is just what I would like.

Even a source for a cheap DSS receiver (that won't be used as one) :-)

Steve

411. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 14:48:57 UTC
From: Jim Lynch <jwl@sgi.com>
Message-ID: <3A8BEC59.24C8C8A6@sgi.com>
Source record: 9349

Sweep tubes? I could have sworn my Ft-101EE had 6146s. Even the memory
is going, I guess.

Jim.

"Alan P. Biddle" wrote:
>
> X-Original-Message-ID:
> <6C5CE4606EA31235.2565D70815FFD39E.D955AE11B460989F@lp.airnews.net>
> X-Agent-Group: rec.radio.amateur.digital.misc
> X-Agent-Format: 0 1 0 1 1 500000 0 0 1 0 "*" 0
>
> Ian,
>
> One minor addition to the good suggestions. Make certain you follow
> the AM power limitations. PSK is a constant duty mode, and those
> sweep tubes are getting hard to find. Good luck!
>
> Alan
> WA4SCA

412. PR:Log Windows sales for FY-2000 exceed that of AEA's in 1994, equal to 1995 sales

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 15:31:43 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <8BSi6.1834$466.119670@news1.atl>
Source record: 9350

CSS revives Log Windows from defeat and sees increase in TNC software sales.

Muscle Shoals, Alabama. February 14, 2001: Creative Services Software announced that FY 2000 sales of the Log Windows logging program exceeded the number of units sold by AEA in 1994 and equaled the number of units sold by AEA in 1995.

"This proves that there is still a market, abet a smaller one than other markets, for Ham Radio Software.", said Rick Ruhl, W4PC, President of Creative Services Software. "Many consider 1995 the year the Internet had a big influence on Amateur radio, and I think our 2000 sales show that many who went to the Internet have join the ranks of the Log Windows owners, due to our Internet enabling of the program."

CSS also reported that sales of its TNC products, Pacterm '98 and PkTerm '99 Preview 1.5, have seen increases since the addition of the PSK-31 mode. This enhancement allows use of the TNC to key the radio in PSK-31 mode, saving the ham a serial port, and having to change between programs to change the different modes.

The Log Windows product retails for $69.95 and upgrades from release 3.06.15 or earlier is $40.00.
Those who have purchased version 3.06.50 or greater will get this upgrade free. Pacterm '98 and PKTerm '99 retail for $79.95 and all products include free in-version up grades. They are available from dealers around the world, as well as direct from CSS.

Log Windows is owned by SCO, Inc and is maintained by Creative Services Software.

Creative Services Software is at http://www.cssincorp.com
The Log Windows homepage is at http://www.logwindows.com

Windows, Windows 95, Windows 98 , Windows NT and Windows 2000 are Registered Trademarks of Microsoft Corporation.

413. Sound card programming

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 21:16:52 UTC
From: Mark Erbaugh <mark@nospam.microenh.com>
Message-ID: <3a8c482b$0$1523$2a0ee87e@news.tdin.com>
Source record: 9251

Is there any documentation available or any suggestions on how to get started writing Windows software using the soundcard to implement various modes such as RTTY, SSTV, PSK31, MFSK16, etc? My programming language of choice id Borland Delphi.

73,
Mark

414. Packet, TOR modes with soundcard

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 21:18:41 UTC
From: Mark Erbaugh <mark@nospam.microenh.com>
Message-ID: <3a8c4832$0$1523$2a0ee87e@news.tdin.com>
Source record: 9252

With the increase in speed of computers, is it possible to implement Packet, or TOR modes using just a computer / soundcard and suitable RS232 / TTL PTT interface (i.e. no TNC / multimode controller)? I currently have a 533 MHz Celeron based computer available.

73,
Mark

415. Re: Yaesu FT-101 and PSK-31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 22:01:43 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A8C51C7.B1BF3255@dialpoint.net>
Source record: 9253

I think it depends on the version of the ft-101 as to what tubes it has.

Jim Lynch wrote:
>
> Sweep tubes? I could have sworn my Ft-101EE had 6146s. Even the memory
> is going, I guess.
>
>

416. Re: Packet, TOR modes with soundcard

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-15 22:06:04 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A8C52CC.26F8D128@dialpoint.net>
Source record: 9254

Look here for the digital modes softwear for the sound cards.

http://www.muenster.de/%7Ewelp/sb.htm

I have ran several of the programs on a computer with the sound and
vidio on the motherboard and only a 200 mhz processor.

Mark Erbaugh wrote:
>
> With the increase in speed of computers, is it possible to implement Packet,
> or TOR modes using just a computer / soundcard and suitable RS232 / TTL PTT
> interface (i.e. no TNC / multimode controller)? I currently have a 533 MHz
> Celeron based computer available.
>
> 73,
> Mark

417. Re: Packet, TOR modes with soundcard

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 03:17:17 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <G3mj6.3993$D3.20552@tor-nn1.netcom.ca>
Source record: 9255

Hi Mark,

There are a number of great packet programs for a sound card available. Try FLEXNET or AGW packet engine for VHF/UHF packet. Try MixW32 for HF packet. All run under Windows.

You can also easily run the TOR modes using a sound card but DO NOT expect to do it using Windows!! Windows is a TERRIBLE OS for use with programs that implement "timing sensitive" modes like PACTOR and AMTOR. I do NOT think that a fast PC will make much difference. It is a OS problem not a speed problem. All the interrupts in Windows mess up the timing!

ALL the sound card programs for the TOR modes use DOS. The best sound card program for PACTOR 1 is RITTY version 2.38 by K6STI. I believe Brian K6STI still sells licences to this version of RITTY that supports not only RTTY but also Pactor 1.

Tom Sailor HB9JNX has developed a sound card program for PACTOR and AMTOR (running under DOS). But you need a SPECIAL sound card with a PersonalSoundArchitecture (PSA) Chipset . I do not think you can even buy such sound cards anymore. See http://www.ife.ee.ethz.ch/~sailer/ham/ham.html.

If you have an OLD style RTTY modem such as a CP-1, you can run PACTOR and AMTOR using Tom Sailor's TERMAN93 FREEWARE program. TERMAN93 is a VERY inexpensive way to get on Pactor 1.

Rob

"Mark Erbaugh" <mark@nospam.microenh.com> wrote in message news:3a8c4832$0$1523$2a0ee87e@news.tdin.com...
> With the increase in speed of computers, is it possible to implement Packet,
> or TOR modes using just a computer / soundcard and suitable RS232 / TTL PTT
> interface (i.e. no TNC / multimode controller)? I currently have a 533 MHz
> Celeron based computer available.
>
> 73,
> Mark
>
>

418. Re: Sound card programming

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 13:46:17 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A8E80A9.8012D91F@amsat.org>
Source record: 9256

Go to the Creative Labs website and join their Developer's Group. You can then download the Hardware Programming guide, along with a bunch of sample code.
Jim

419. Ping command VHF Packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 14:14:49 UTC
From: enigma_y_2000@yahoo.com
Message-ID: <3a8e86f3.8504686@news.usfamily.net>
Source record: 9257

Hi,

Is there something like a ping command for VHF packet? I want to be able to find out what other stations are on a given freq by sending out some kind of general ping and have the other stations answer automatically.

At one time I knew how to do that, but alas!

Thanks,

Bob

420. Diode Matrix for Kantronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 16:15:28 UTC
From: Scott Harvey <sharveymead@earthlink.net>
Message-ID: <Asxj6.2570$OG4.264584@newsread2.prod.itd.earthlink.net>
Source record: 9258

Haveing problems getting Kantronics tnc's to work with a diode matrix that has been working with MFJ tnc's. Does anyone have a solution to this problem or had the same difficulty. Maybe even a schematic for a matrix or a source for a comercially made one. Scott, KA7FVV

--

`,,,`,,,,,`,,,,`,,,,,`,,,,`,,,,,`,,,,`,,,,,`,,,,
Check out these web pages of mine:
Titanic: http://home.earthlink.net/~sharveymead/titanic.html
Amateur Radio: http://home.earthlink.net/~ka7fvv/
Astronomy: http://home.earthlink.net/~ka7fvv/amateurastronomy.htm
Scanner: http://home.earthlink.net/~ka7fvv/scsl.html
HPC/PPC: http://home.earthlink.net/~ka7fvv/hpcworld.htm

421. Re: 1 GHz receiver (DSS?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 20:53:34 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3A8EE521.4080E9BF@primeline.net>
Source record: 9259

It might be easier to find a Primestar reciever. I suppose you are
looking for an
IF out.

http://www.eio.com/BSFH77G06.htm has a Baseband WFM output, $14.

Steve Sampson wrote:
>
> I've been doing some web searches for DSS receiver modules.
> Does anyone know of a source for a cheap ($20 - $30) source
> for these. I'm interested, because they are operate with a 1 GHz
> input. This is for an application other than MPEG video. As I
> understand it, the dish downconverts the satellite signal to 1 GHz
> IF, which the receiver that hooks up to that, is just what I would like.
>
> Even a source for a cheap DSS receiver (that won't be used as one) :-)
>
> Steve

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

422. Re: 1 GHz receiver (DSS?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-17 21:52:05 UTC
From: Steve Sampson <k5okc@nospamhome.com>
Message-ID: <9oCj6.251166$ge4.86796315@news2.rdc2.tx.home.com>
Source record: 9260

That's it! Thanks! I've been looking at those on a
Taiwan web site where they're made, but there was no
U.S. dealers listed, and Google gave me tons of DSS
hacks rather than receiver modules...

Appreciate it,
Steve

"Gary Tait, The Real" <tait@primeline.net> wrote
> It might be easier to find a Primestar reciever. I suppose you are
> looking for an
> IF out.
>
> http://www.eio.com/BSFH77G06.htm has a Baseband WFM output, $14.
>
> Steve Sampson wrote:
> >
> > I've been doing some web searches for DSS receiver modules.
> > Does anyone know of a source for a cheap ($20 - $30) source
> > for these.

423. Re: Ping command VHF Packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 01:13:21 UTC
From: John Anderson <johnande@interl.net>
Message-ID: <3A8F21B1.9AAD30EB@interl.net>
Source record: 9261

MFJ TNC's will answer a qra command. You send unproto addressed to qra

Bob wrote:

> Hi,
>
> Is there something like a ping command for VHF packet? I want to be
> able to find out what other stations are on a given freq by sending
> out some kind of general ping and have the other stations answer
> automatically.
>
> At one time I knew how to do that, but alas!
>
> Thanks,
>
> Bob

424. Wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 11:37:54 UTC
From: carl domanico <carl.domanico@verizon.net>
Message-ID: <3A8FB412.BE65E55F@verizon.net>
Source record: 9262

Condition Must be Minimum Very good and preferably better. Tubes &
Circuit must also be in similar condition..

Carl
N2MFW

425. Re: Packet, TOR modes with soundcard

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 14:01:51 UTC
From: esj@harvee.billerica.ma.us
Message-ID: <uofw0m6nk.fsf@harvee.billerica.ma.us>
Source record: 9264

"Rob" <Pse@NoEmail.Com> writes:

> Tom Sailor HB9JNX has developed a sound card program for PACTOR and AMTOR
> (running under DOS). But you need a SPECIAL sound card with a
> PersonalSoundArchitecture (PSA) Chipset . I do not think you can even buy
> such sound cards anymore. See
> http://www.ife.ee.ethz.ch/~sailer/ham/ham.html.

he hasn't linked this page to his main ham radio page yet so it is a
little bit hard to find. Tom is now working with a user space model
for soundcard based packet. It looks pretty interesting and might
even be able to work for timing sensitive mode such as pactor and
amtor.

http://www.ife.ee.ethz.ch/~sailer/ham/soundmodem/

---eric

426. Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 14:24:45 UTC
From: Alexander Newald <alexander@newald.de>
Message-ID: <3A8FDB2D.4163AC04@newald.de>
Source record: 9263

Hello,

I like to cover a 400 - 500 meter space between to buildings without
wire. What hardware can I use (homeuser with not so much money)

Thanks,

Alexander Newald

427. Stream software question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 15:44:40 UTC
From: Bob <XYZ_p15218@peoplepc.com>
Message-ID: <t8vri4ga4d8i77@corp.supernews.com>
Source record: 9265

Anyone know why the wonderful IZ8BLY "Stream" sofware is constantly accessing the disk? This causes a bit of a problem on a laptop running on battery power. I could find no options in the software relating to this. I have my laptop set to turn off the drive after 1 minute to conserve battery and with Digipan and HamScope it is able to spin down once the program is loaded.
TNX
Bob
KB8TL

428. Re: Ping command VHF Packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 16:57:41 UTC
From: Alan Jones <oajones@bright.net>
Message-ID: <PaTj6.9580$53.1024026@cletus.bright.net>
Source record: 9266

You must be running some type of TCP/IP software to ping. However I don't think there is "ping all stations" command. You have to ping a known address. I am going by memory so I could be wrong here. The last time I used NOS/JNOS ect in DOS mode was about 1991. I've seen some software that will show the packet network graphically in your area. I have a program like that for my Macintosh computer that is called "Packet Tracker ver 1.05" written by KB2ICI. I first ran this program on my Mac Classic II. I also run it on my Powerbook 180 and on my PowerPC. There may be some similar programs for DOS/WIN9X that can do the same thing. Good luck....

Alan/AA4ZI

Bob <enigma_y_2000@yahoo.com> wrote in message
news:3a8e86f3.8504686@news.usfamily.net...
> Hi,
>
> Is there something like a ping command for VHF packet? I want to be
> able to find out what other stations are on a given freq by sending
> out some kind of general ping and have the other stations answer
> automatically.
>
> At one time I knew how to do that, but alas!
>
> Thanks,
>
> Bob

429. Packet BBS program

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 17:06:17 UTC
From: Alan Jones <oajones@bright.net>
Message-ID: <TiTj6.9581$53.1024234@cletus.bright.net>
Source record: 9267

I am looking for a BBS program that will run on a Macintosh Power PC (Performa 6118CD). I'm also looking for packet software in general that will work with Macs.

--Alan/AA4ZI

430. aea pk232 mbx

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 20:02:23 UTC
From: LeRoy Prosic <ve3lgp@tct.net>
Message-ID: <RUVj6.132440$Z2.1738612@nnrp1.uunet.ca>
Source record: 9268

I,m looking to purchase AEA software and updated e-proms with manuals for
the AEA 232 MBX TNC.
Please reply : ve3lgp@tct.net

--
Thank You ;
May The Sun Be In Your Face
and the
Wind On Your Back
From the :
"Twin Bridge City"
Sarnia Ontario Canada

.

431. Re: Ping command VHF Packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-18 21:16:30 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10102182109350.1016-100000@exp.bde-arc.ampr.org>
Source record: 9269

In a properly defined IP subnet, there should be an IP number reserved for the broadcast function (usually ending with as many 1 bits as "32 less the subnet's mask, expressed as an integer"). However, one often has to manually add an ARP entry for that IP broadcast number so that the callsign field at the AX.25 protocol level is properly set (usually either "QST" or "QST-3").

For a Net/ROM environment, a node broadcast might initiate a node broadcast response if the remote node is set to do that upon hearing a previously unknown node. However, I don't know of any that do that by default.

The AX.25 specification itself does not have a broadcast ping function. The best that one can do is try to connect to every station heard, and manually scan their "heard lists" for other stations one doesn't know about; then try to connect to them, etc....

My area doesn't have ROSE, Flexnet, or any of these other, exotic protocols.

On Sun, 18 Feb 2001, Alan Jones wrote:
> You must be running some type of TCP/IP software to ping. However I don't
> think there is "ping all stations" command. You have to ping a known
> address. I am going by memory so I could be wrong here. The last time I used
> NOS/JNOS ect in DOS mode was about 1991. I've seen some software that will
> show the packet network graphically in your area. I have a program like that
> for my Macintosh computer that is called "Packet Tracker ver 1.05" written
> by KB2ICI. I first ran this program on my Mac Classic II. I also run it on
> my Powerbook 180 and on my PowerPC. There may be some similar programs for
> DOS/WIN9X that can do the same thing. Good luck....
>
> Bob <enigma_y_2000@yahoo.com> wrote in message
> news:3a8e86f3.8504686@news.usfamily.net...
> > Is there something like a ping command for VHF packet? I want to be
> > able to find out what other stations are on a given freq by sending
> > out some kind of general ping and have the other stations answer
> > automatically.
> >
> > At one time I knew how to do that, but alas!

432. Re: Ping command VHF Packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 08:32:07 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn991mg7.6ru.nomail@linux.pe1chl.ampr.org>
Source record: 9270

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>In a properly defined IP subnet, there should be an IP number reserved for the
>broadcast function (usually ending with as many 1 bits as "32 less the subnet's
>mask, expressed as an integer"). However, one often has to manually add an ARP
>entry for that IP broadcast number so that the callsign field at the AX.25
>protocol level is properly set (usually either "QST" or "QST-3").

>For a Net/ROM environment, a node broadcast might initiate a node broadcast
>response if the remote node is set to do that upon hearing a previously unknown
>node. However, I don't know of any that do that by default.

>The AX.25 specification itself does not have a broadcast ping function. The
>best that one can do is try to connect to every station heard, and manually
>scan their "heard lists" for other stations one doesn't know about; then try to
>connect to them, etc....

The TAPR TNC2 1.1.8 firmware introduced a special function for it:

QRA or help for My path's fallen, and it can't get up

QRA ("Who are you") pinging is supported in release 1.1.8. A QRA ping
polls all of the TNCs within range. Each TNC hearing the QRA ping will
transmit its identification packet within 1 to 16. This technique
provides the names of all reachable TNCs and digipeaters to the new,
roving, and emergency-use packeteer. Also see "ANSWRQRA" command.

Note that the QRA function will not work if there are any digipeaters
in the UNPROTO path. This somewhat, but not completely, helps limit a
malevolent user's ability to seriously harm the network.

Sending QRA ping:

1) Set the unprotocol callsign to QRA
cmd: UNPROTO QRA<cr>

2) Manually send an unconnected packet
cmd: CONVERSE<cr>
<cr>
^C
cmd:

3) In 1-16 seconds, if MONITOR is ON you should be receiving packets
empty identification packets from other connectable and compatible TNCs.

WB9FLW>ID:
AD7I>ID:
W5DID>ID:

NEW COMMANDS

ANSWRQRA ON|OFF Default: ON

Setting ANSWRQRA to OFF disables the TNC's ping-response function. When
the parameter is set ON, the TNC responds to non-digipeated UI frames
addressed to QRA, within 1 to 16 seconds, with an empty ID packet. TNC-2
ignores QRA packets when ANSWRQRA is off.

Of course, by the time 1.1.8 appeared there were already many TNCs sold and
floating around without hope for an update, many branches of the software
and independent software developments were done, etc.
So I would guess that only a very small fraction of worldwide AX.25
stations is running software that would support the above function.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

433. Re: Stream software question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 16:40:48 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t92j2fncg3d6b5@corp.supernews.com>
Source record: 9272

I have no idea and did not notice it when I used it. I'll look for it and see if it does it on my system. By the way, you may want to try Hamscope (if you haven't already) as I find that to be a much more robust and friendly program, especially when tuning in the signal.

Regards,

Duffy - WB8NUT

"Bob" <XYZ_p15218@peoplepc.com> wrote in message news:t8vri4ga4d8i77@corp.supernews.com...
> Anyone know why the wonderful IZ8BLY "Stream" sofware is constantly
> accessing the disk? This causes a bit of a problem on a laptop running on
> battery power. I could find no options in the software relating to this. I
> have my laptop set to turn off the drive after 1 minute to conserve
battery
> and with Digipan and HamScope it is able to spin down once the program is
> loaded.
> TNX
> Bob
> KB8TL
>
>

434. Join us on Hell tonight!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 16:43:52 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t92j87dv38r037@corp.supernews.com>
Source record: 9273

If you have not tried Feld-Hell yet, it is a great mode. A lot of activity last night on 3.575. Made numerous QSO's. Many are working very low power with great print. Listen to two guys using 2 watts each, one in Tennessee and the other in Illinois. Both had average antennas. Hope to see some of you there.

Regards,

Duffy - WB8NUT

435. Want schematic for NCR 12v 15a supply

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 17:34:33 UTC
From: "Adam T. Cately" <atcately@bright.net>
Message-ID: <3A915929.79377CF2@bright.net>
Source record: 9271
Cross-posted to:
rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,alt.ham-radio.packet

I would like to find a schematic for an NCR 12 volt 15 amp power
supply. This is an actual 12 volt supply, and not a butchered-up 5
volt series. The model number on the panel is "315-0502654 F."
Any help would be greatly appreciated.

--

- Adam -

436. Two sound cards in one computer working OK.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 18:10:44 UTC
From: jflanders2@home.com
Message-ID: <3a915eef.183791375@news>
Source record: 9274

I have installed an additional sound card in a minimal Win98se computer.

I have read on the newsgroups that it can be difficult to get two sound cards running simultaneously, so approached this with a bit of fear. But the sound card was inexpensive, so not much to lose if it didn't work.

It works! After some initially confusing results, all seems to work now. I am running two independent copies of MMTTY on the (150PR Cyrix 6x86) machine right now, using different demodulator parameters, from the two independent soundcards, and each copy is getting its input audio stream from the proper input line jack. I don't see any performance degradation of any kind yet, with one copy running FIR and the other IIR, both with "normal" parameters.

The new sound card was a $20 (regular price) cheapie from CompUSA with ALS-4000 guts. The install was the automatic PnP install under Win98se, and followed an automatic install of the original (also a cheapie, but different) card. All interrupts were already in use on this machine, so some are being shared now. I may have to change interrupts manually later if conflicts arise in use.

I set the volume on each card independently - calling up the "master volume" panel allows me to select which card to adjust. This is a little cumbersome, but is not needed often.

One copy of MMTTY is using sound device 0, the other is using 1.

Oh - by the way - yes, I really DO need to run two copies of MMTTY simultaneously, and Mako did not provide for using the left and right channels independently for this...

Jerry W4UK

437. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 18:54:57 UTC
From: Antoon <antoon.milatz@tek.com>
Message-ID: <3A916BFB.15C85E9C@tek.com>
Source record: 9275

Two tin cans + thin rope ?

Alexander Newald wrote:

> Hello,
>
> I like to cover a 400 - 500 meter space between to buildings without
> wire. What hardware can I use (homeuser with not so much money)
>
> Thanks,
>
> Alexander Newald

438. FS - DOVETRON regen. RTTY TU

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 20:10:26 UTC
From: jflanders2@home.com
Message-ID: <3a9179b6.190646802@news>
Source record: 9276

DOVETRON regenerative RTTY Terminal Unit, model MPC-1000R-II. Top of the line commercial TU from mid-'80's. In addition to conventional loop output, it has EIA +/-12V and MIL +/-6V signal outputs.

Includes copy of manual for MPC-1000CR/T Mark II ("Tempest" version, which is a VERY similar unit).

19 inch rack mount, about 4 inches high. Front and back clean but some knobs are missing the metal disc insert. Top and bottom are scratched.

$175 plus UPS from ZIP 29860. Satisfaction guaranteed 10 days or money back less shipping.

Makes a neat tunable front end for the PK-232, which is how I am using my other one (have 2 of them).

Jerry W4UK

439. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-19 22:35:23 UTC
From: Alexander Newald <alexander@newald.de>
Message-ID: <3A919FAB.2E8787A2@newald.de>
Source record: 9277

```
Antoon wrote:
>
> Two tin cans + thin rope ?
>
> Alexander Newald wrote:
>
> > Hello,
> >
> > I like to cover a 400 - 500 meter space between to buildings without
> > wire. What hardware can I use (homeuser with not so much money)
> >
> > Thanks,
> >
> > Alexander Newald

??

Alexander Newald
```

440. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-20 09:13:23 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn994d9i.q9b.nomail@linux.pe1chl.ampr.org>
Source record: 9278

```
Alexander Newald <alexander@newald.de> wrote:
>Antoon wrote:
>>
>> Two tin cans + thin rope ?
>>
>> Alexander Newald wrote:
>>
>> > Hello,
>> >
>> > I like to cover a 400 - 500 meter space between to buildings without
>> > wire. What hardware can I use (homeuser with not so much money)
>> >
>> > Thanks,
>> >
>> > Alexander Newald

>??

>Alexander Newald

When I was young and did not have much money, I had good results with a
flashlight and CW key. Could exchange messages with an amateur in another
house about 50 meter away, but I would think it works over 400-500 meter as
well.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+
```

441. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-20 19:58:45 UTC
From: Alexander Newald <alexander@newald.de>
Message-ID: <3A92CC75.87B79790@newald.de>
Source record: 9279

Ok,

I see that I can't get any answer here. Seems that only kidding guys
are talking in this group.

Thanks for nothing

:-(

Rob Janssen wrote:
>
> Alexander Newald <alexander@newald.de> wrote:
> >Antoon wrote:
> >>
> >> Two tin cans + thin rope ?
> >>
> >> Alexander Newald wrote:
> >>
> >> > Hello,
> >> >
> >> > I like to cover a 400 - 500 meter space between to buildings without
> >> > wire. What hardware can I use (homeuser with not so much money)
> >> >
> >> > Thanks,
> >> >
> >> > Alexander Newald
>
> >??
>
> >Alexander Newald
>
> When I was young and did not have much money, I had good results with a
> flashlight and CW key. Could exchange messages with an amateur in another
> house about 50 meter away, but I would think it works over 400-500 meter as
> well.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

442. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-20 20:24:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn995kki.vmk.nomail@linux.pe1chl.ampr.org>
Source record: 9280

Alexander Newald <alexander@newald.de> wrote:
>Ok,

>I see that I can't get any answer here. Seems that only kidding guys
>are talking in this group.

>Thanks for nothing

> :-(

You have not asked any sensible question. How can you expect an answer?

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

443. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 02:31:39 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <fMFk6.16941$Nj5.1149859@bgtnsc07-news.ops.worldnet.att.net>
Source record: 9281

"Alexander Newald" <alexander@newald.de> wrote in message
news:3A8FDB2D.4163AC04@newald.de...
> Hello,
>
> I like to cover a 400 - 500 meter space between to buildings without
> wire. What hardware can I use (homeuser with not so much money)

Very low power AM radios will work fine.

So will FM radios.

You can buy the low power transmitters at various hobby
supply companies.

500 meters is perhaps a bit long for them, but it should be possible.

Use morse code to transmit your messages.

But since this is rec.radio.amateur ... here is a "real" answer.

1. What do you wish to transmit? Audio? Video? Digital network?
2. What data rate do you require?
3. What is the content of the transmissions?
4. How much money is "not so much money"?
(Some would consider $2000 "not so much money" e.g.)
5. Do you know how to operate a soldering iron?

--

... Hank

http://horedson.home.att.net

444. motorola paging amp 900 mhz info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 04:52:39 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <96vhi6qnn1@newsfeed.minn.net>
Source record: 9282
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

hello need help in locating info or ski-matic
for a paging transmitter.
all I have is the model number.. and any pin outs on a transistor (xrfm
33p71)
transmitter (tlf1790c27 ca0d961)
I really need help i ve even been to batwing labs and found nothing.

73's Bill

445. Ask Helpful (was Re: Hardware tip needed)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 07:33:13 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3A936F39.C199C989@dioxine.com>
Source record: 9283

Alexander Newald wrote:

> Ok,
>
> I see that I can't get any answer here. Seems that only kidding guys
> are talking in this group.

Not that long ago, someone that calls themself "helpfull@my-deja.com" was apparently pretty excited about using low cost NBFM FRS HTs to implement a free wireless Internet system. I don't know if Deja mail is working since the sell-out to Google, but you might try writing this person for help. It would help if you revealed just a little more of your requirements.

> Thanks for nothing
>
> :-(

Good thing it didn't cost you more than that to ask.

Dana K6JQ
dana@dioxine.com

446. Re: Ask Helpful (was Re: Hardware tip needed)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 08:52:23 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9970e7.vmk.nomail@linux.pe1chl.ampr.org>
Source record: 9285

Dana H. Myers <dana@dioxine.com> wrote:

>Alexander Newald wrote:

>> Ok,

>> I see that I can't get any answer here. Seems that only kidding guys
>> are talking in this group.

>Not that long ago, someone that calls themself "helpfull@my-deja.com" was
>apparently pretty excited about using low cost NBFM FRS HTs to implement
>a free wireless Internet system.

The guy is posting with a .de mail address. The US radio service
categories are not valid in Germany.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

447. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 08:57:10 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9970n6.vmk.nomail@linux.pe1chl.ampr.org>
Source record: 9284

Hank Oredson <horedson@att.net> wrote:

>"Alexander Newald" <alexander@newald.de> wrote in message
>news:3A8FDB2D.4163AC04@newald.de...
>> Hello,

>> I like to cover a 400 - 500 meter space between to buildings without
>> wire. What hardware can I use (homeuser with not so much money)

>Very low power AM radios will work fine.

>So will FM radios.

>You can buy the low power transmitters at various hobby
>supply companies.

>500 meters is perhaps a bit long for them, but it should be possible.

>Use morse code to transmit your messages.

In his country this means: go to Conrad (or order a catalog). They have
all that is needed to setup such a link using narrowband low-power
transmitters requiring no license.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

448. Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 13:38:08 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <904F5E29CdarrylNOSPAMshecorac@207.126.101.100>
Source record: 9286
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

Greetings,

I believe in E-QSL, but nothing I have seen so fair fills the bill.

I think the solution should be open source so that we don't get
locked in to one provider of trusted E-QSLs.

Here is the idea:

The system would use digital signatures based upon the RSA
encryption standard. The public key would be signed by a
trusted third party. Once the key has been signed, it can
be transmitted with the E-QSL or looked up in a trusted public
key server. The details is a little hard to explain, but
the jest is once a amateur has a signed public key, anyone
can validate their e-qsl information without using a active
protocol with a third part. This means that my log program
can email a qsl information almost in real time.

Everything needed to do this is public and free to use. We
will need the following functions:

1. Certification Authority software and libraries.
2. Signing libraries.
3. validation libraires.

The goal is to create a set of libraries and software which
will be licensed using LGPL (Lessier Gnu Public Licenses) or
open software licenses. This will allow trusted groups such
as ARRL to have a revenue on create certifications (signing
public keys) but no one will have a lock on the software.
This we allow logging software authors to incorporate digital
signature functions into their logging program without having
to pay a license fee.

I can do most of the design and some of the program, but I
can't do it by myself. Most important I DO NOT want to OWN IT.
For this to work it must be a free standard, with no strings
attached.

TQSL to be:

1. A trusted system
2. Free and open standards
3. Easy to use and implement. ie: Users pushs a button on
his/her logging program and a TQSL is created. This eqsl

could be sent via email, to a e-buro, etc. The important thing is once created it can be authenicated at any point by anyone, just by point software at it.

Any takers?

Darryl Wagoner WA1GON
darryl@shecora.com

449. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 14:55:54 UTC
From: John Passaneau <jxp16@psu.edu>
Message-ID: <970ktq$om6@r02n01.cac.psu.edu>
Source record: 9287
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

Hi all:
The problem I have with E-QSL's is that their boring. There is nothing to display on wall. The ones I've received are not very well done and if I do print them they don't look very good and I have to pay for the cost of printing. They take up a lot of room on the hard drive if you don' print them. So I find little to like about E-QSL's. I saw that the ARRL was looking into a system that would, as I read it, keep a trusted list of stations you have worked, and conformations from those stations which would be good for awards. I guess that this would be OK, but not much fun. I can see no way that E-QSL's can ever be as much fun as getting a bunch of cards in the mail. I went to the E-QSL site and I had a bunch of "cards" waiting for me, I looked at them and down loaded them, but after a bit I dumped them off the computer, no magic, no fun, no interest.

--
John Passaneau
Penn State University, State College Pa.
W3JXP
w3jxp@arrl.net

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> Greetings,
>
> I believe in E-QSL, but nothing I have seen so fair fills the bill.
>
> I think the solution should be open source so that we don't get
> locked in to one provider of trusted E-QSLs.
>
> Here is the idea:
>
> The system would use digital signatures based upon the RSA
> encryption standard. The public key would be signed by a
> trusted third party. Once the key has been signed, it can
> be transmitted with the E-QSL or looked up in a trusted public
> key server. The details is a little hard to explain, but

> the jest is once a amateur has a signed public key, anyone
> can validate their e-qsl information without using a active
> protocol with a third part. This means that my log program
> can email a qsl information almost in real time.
>
> Everything needed to do this is public and free to use. We
> will need the following functions:
>
> 1. Certification Authority software and libraries.
> 2. Signing libraries.
> 3. validation libraires.
>

sniped text to pacify the universities stupid mailer system

> TQSL to be:
>
> 1. A trusted system
> 2. Free and open standards
> 3. Easy to use and implement. ie: Users pushs a button on
> his/her logging program and a TQSL is created. This eqsl
> could be sent via email, to a e-buro, etc. The important
> thing is once created it can be authenicated at any point
> by anyone, just by point software at it.
>
> Any takers?
>
> Darryl Wagoner WA1GON
> darryl@shecora.com

450. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 15:12:26 UTC
From: WW Warren <kb9tmp@my-deja.com>
Message-ID: <970mooqph1@dagobah.blueriver.net>
Source record: 9289
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

John
Why not upload those E-QSL 'Cards' to a free web page provider like QSL.net, Angelfire or Geocities
and put them on a web page so not just you but EVERYONE could see them? It would also save space on
your computer and wall for that matter! :^)

--

"73" from the cornfields of Orange County Indiana!
<'}}}>< <'}}}>< WW - KB9TMP <'}}}>< <'}}}><
on the web at http://www.qsl.net/kb9tmp/
Orange Co. A.R.C. http://www.qsl.net/kb9ohy/

"John Passaneau" <jxp16@psu.edu> wrote in message news:970ktq$om6@r02n01.cac.psu.edu...
> Hi all:
> The problem I have with E-QSL's is that their boring. There is nothing to
>
> display on wall. The ones I've received are not very well done and if I do
>
> print them they don't look very good and I have to pay for the cost of
>
> printing. They take up a lot of room on the hard drive if you don' print
>
> them. So I find little to like about E-QSL's. I saw that the ARRL was
>
> looking into a system that would, as I read it, keep a trusted list of
>
> stations you have worked, and conformations from those stations which would
>
> be good for awards. I guess that this would be OK, but not much fun. I can
>
> see no way that E-QSL's can ever be as much fun as getting a bunch of cards
>
> in the mail. I went to the E-QSL site and I had a bunch of "cards" waiting
>
> for me, I looked at them and down loaded them, but after a bit I dumped them
>
> off the computer, no magic, no fun, no interest.
>
>
>
>
> --

> John Passaneau
> Penn State University, State College Pa.
> W3JXP
> w3jxp@arrl.net
>
>
>
>
>
> "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> > Greetings,
> >
> > I believe in E-QSL, but nothing I have seen so fair fills the bill.
> >
> > I think the solution should be open source so that we don't get
> > locked in to one provider of trusted E-QSLs.
> >
> > Here is the idea:
> >
> > The system would use digital signatures based upon the RSA
> > encryption standard. The public key would be signed by a
> > trusted third party. Once the key has been signed, it can
> > be transmitted with the E-QSL or looked up in a trusted public
> > key server. The details is a little hard to explain, but
> > the jest is once a amateur has a signed public key, anyone
> > can validate their e-qsl information without using a active
> > protocol with a third part. This means that my log program
> > can email a qsl information almost in real time.
> >
> > Everything needed to do this is public and free to use. We
> > will need the following functions:
> >
> > 1. Certification Authority software and libraries.
> > 2. Signing libraries.
> > 3. validation libraires.
> >
>
>
> sniped text to pacify the universities stupid mailer system
>
>
>
> > TQSL to be:
> >
> > 1. A trusted system
> > 2. Free and open standards
> > 3. Easy to use and implement. ie: Users pushs a button on
> > his/her logging program and a TQSL is created. This eqsl
> > could be sent via email, to a e-buro, etc. The important

> > thing is once created it can be authenicated at any point
> > by anyone, just by point software at it.
> >
> > Any takers?
> >
> > Darryl Wagoner WA1GON
> > darryl@shecora.com
>
>
>
>
>
>

451. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 15:21:23 UTC
From: K0HB@arrl.org
Message-ID: <970mdj$1j4$1@news.netmar.com>
Source record: 9288
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

In article <904F5E29CdarrylNOSPAMshecorac@207.126.101.100>, Darryl Wagoner - WA1GON <darryl_NOSPAM@shecora.com> writes:

>
>I believe in E-QSL, but nothing I have seen so fair fills the bill.
>

I'll stick with paper.

73, Hans, K0HB

----- Posted via NewsOne.Net: Free (anonymous) Usenet News via the Web -----
http://newsone.net/ -- Free reading and anonymous posting to 60,000+ groups
NewsOne.Net prohibits users from posting spam. If this or other posts
made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

452. Re: Ask Helpful (was Re: Hardware tip needed)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 16:05:59 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3A93E888.538F0236@primeline.net>
Source record: 9290

Is 802/11b valid there? You might look into conecting the with 2.4 Ghz
high-gain
directional antennae.

Rob Janssen wrote:
>
> Dana H. Myers <dana@dioxine.com> wrote:
>
> >Alexander Newald wrote:
>
> >> Ok,
>
> >> I see that I can't get any answer here. Seems that only kidding guys
> >> are talking in this group.
>
> >Not that long ago, someone that calls themself "helpfull@my-deja.com" was
> >apparently pretty excited about using low cost NBFM FRS HTs to implement
> >a free wireless Internet system.
>
> The guy is posting with a .de mail address. The US radio service
> categories are not valid in Germany.
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

453. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 18:23:03 UTC
From: Darryl Wagoner <dwagoner@shecora.com>
Message-ID: <3A940787.5CAE725B@shecora.com>
Source record: 9291
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

John Passaneau wrote:

> Hi all:
> The problem I have with E-QSL's is that their boring. There is nothing to
>
> display on wall. The ones I've received are not very well done and if I do
>
> print them they don't look very good and I have to pay for the cost of
>
> printing. They take up a lot of room on the hard drive if you don' print

Your points are good. I agree that paper QSL are real cool. But E-QSL doesn't have to mean that you don't get paper. I could mean you get paper with a barcode digital signature on it or get paper in addition to a E-QSL. It would also mean that you won't have to send away those cool paper QSL cards and risk them being lost or paying the postage. It would also mean you would get your awards quicker because it could be validated by machines. It also means you wouldn't have to pay for sending someone that is chasing paper, but doesn't really care about the QSL card.

Also with E-QSL "cards" it opens up a lot of non-boring possiblity. Such on-the-fly E-QSL card cration. Maybe from a web cam or alike or instead of a JPEG it could be a MPEG file which has your QSO from the other stations view.

Keep also in mind that digital signatures could be applied to a log entry as well. This would mean that you log could have a signed QSO field and what is shipped to the ARRL would fit on a single floppy.

Happy DXing

-Darryl WA1GON

454. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 19:54:26 UTC
From: Gilbert Baron <gbaron@mailandnews.com>
Message-ID: <S1Vk6.153346$P5.3312955@news1.rdc1.il.home.com>
Source record: 9292
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

All true but the speed and the fact that qsling is TOO EXPENSIVE and TOO SLOW would make this ideal. NOBODY is saying you can't ALSO send a REAL !!! QSL.

I am sick and tired of waiting a year for a card and paying over a buck a card or maybe more when they want green stamps, oh yeahhh maybe that's it???

"John Passaneau" <jxp16@psu.edu> wrote in message news:970ktq$om6@r02n01.cac.psu.edu...
> Hi all:
> The problem I have with E-QSL's is that their boring. There is nothing to
>
> display on wall. The ones I've received are not very well done and if I do
>
> print them they don't look very good and I have to pay for the cost of
>
> printing. They take up a lot of room on the hard drive if you don' print
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> them. So I find little to like about E-QSL's. I saw that the ARRL was
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> looking into a system that would, as I read it, keep a trusted list of
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> stations you have worked, and conformations from those stations which would
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> be good for awards. I guess that this would be OK, but not much fun. I can
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> see no way that E-QSL's can ever be as much fun as getting a bunch of cards
>
> in the mail. I went to the E-QSL site and I had a bunch of "cards" waiting
>
> for me, I looked at them and down loaded them, but after a bit I dumped them
>
> off the computer, no magic, no fun, no interest.
>
>
>
>
> --
> John Passaneau
> Penn State University, State College Pa.
> W3JXP

> w3jxp@arrl.net
>
>
>
>
>
> "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> > Greetings,
> >
> > I believe in E-QSL, but nothing I have seen so fair fills the bill.
> >
> > I think the solution should be open source so that we don't get
> > locked in to one provider of trusted E-QSLs.
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> > Here is the idea:
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> > The system would use digital signatures based upon the RSA
> > encryption standard. The public key would be signed by a
> > trusted third party. Once the key has been signed, it can
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> > key server. The details is a little hard to explain, but
> > the jest is once a amateur has a signed public key, anyone
> > can validate their e-qsl information without using a active
> > protocol with a third part. This means that my log program
> > can email a qsl information almost in real time.
> >
> > Everything needed to do this is public and free to use. We
> > will need the following functions:
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> > 1. Certification Authority software and libraries.
> > 2. Signing libraries.
> > 3. validation libraires.
> >
>
>
> sniped text to pacify the universities stupid mailer system
>
>
>
> > TQSL to be:
> >
> > 1. A trusted system
> > 2. Free and open standards
> > 3. Easy to use and implement. ie: Users pushs a button on
> > his/her logging program and a TQSL is created. This eqsl
> > could be sent via email, to a e-buro, etc. The important
> > thing is once created it can be authenicated at any point
> > by anyone, just by point software at it.
> >

> > Any takers?
> >
> > Darryl Wagoner WA1GON
> > darryl@shecora.com
>
>
>
>
>
>

455. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-21 20:30:57 UTC
From: Alexander Newald <alexander@newald.de>
Message-ID: <3A942581.A4E9CD2F@newald.de>
Source record: 9293

Hello,

so I see there can be answers. Sorry if my first question was not as good as it should be.

My problem is:

I have two buildings with internal networks using linux boxes as servers for mail and fileservice. Now I have to set up a solution to connect these two buildings (about 500m distance) so that email is possible. The problem is that there is a river (small, but water) between them so wire gets no chance. I would be happy with about 50 - 100 kbit that should be enougth for email.

Thanks,

Alexander Newald

--
Alexander Newald Internet presentation & Network solution
Wunstorfer Straße 72
30453 Hannover - Germany Information: http://www.newald.de/service

456. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 04:17:53 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Rp0l6.737$Ea1.43284@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9294

See Gary Tait's comments earlier in the thread about 802.11b devices.

--

... Hank

http://horedson.home.att.net

"Alexander Newald" <alexander@newald.de> wrote in message
news:3A942581.A4E9CD2F@newald.de...
Hello,

so I see there can be answers. Sorry if my first question was not as
good as it should be.

My problem is:

I have two buildings with internal networks using linux boxes as
servers for mail and fileservice. Now I have to set up a solution to
connect these two buildings (about 500m distance) so that email is
possible. The problem is that there is a river (small, but water)
between them so wire gets no chance. I would be happy with about 50 -
100 kbit that should be enougth for email.

Thanks,

Alexander Newald

--
Alexander Newald Internet presentation & Network solution
Wunstorfer Stra&#65533;e 72
30453 Hannover - Germany Information: http://www.newald.de/service

457. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 06:42:35 UTC
From: Steve Sampson <k5okc@nospamhome.com>
Message-ID: <vx2l6.282198$ge4.96919981@news2.rdc2.tx.home.com>
Source record: 9295

Go to www.proxim.com

Lot's of affordable solutions. If something better
comes out, they buy the company.

Steve

"Hank Oredson" <horedson@att.net> wrote
> See Gary Tait's comments earlier in the thread about 802.11b devices.
>
> "Alexander Newald" <alexander@newald.de> wrote
> Hello,
>
> so I see there can be answers. Sorry if my first question was not as
> good as it should be.
>
> My problem is:
>
> I have two buildings with internal networks using linux boxes as
> servers for mail and fileservice. Now I have to set up a solution to
> connect these two buildings (about 500m distance) so that email is
> possible. The problem is that there is a river (small, but water)
> between them so wire gets no chance. I would be happy with about 50 -
> 100 kbit that should be enougth for email.

458. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 09:19:36 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn999md8.vmk.nomail@linux.pe1chl.ampr.org>
Source record: 9296

Alexander Newald <alexander@newald.de> wrote:
>Hello,

>so I see there can be answers. Sorry if my first question was not as
>good as it should be.

Now that would be the understatement of the year...

First you just tell us you want to travel 500m and have not much money,
and only when you get the suggestion to walk or use a bike you tell us
there is a river within that 500m and that you have requirements for
the speed. But still you don't tell us how much money you have, what
kind of skills you have to build the solution (e.g. knowledge, time)
etc.

How can you ever expect a good answer to such vague a question?

Maybe we should just have said: type your question at http://www.google.com/

Then at least you can make your own judgement about suitability of the
answers.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

459. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 12:43:59 UTC
From: lak <lak@radioland.net>
Message-ID: <#GJWuzMnAHA.269@cpmsnbbsa07>
Source record: 9209
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

I agree with Darryl on this, in fact my correspondance with the ARRL regarding E-QSL revealed they are looking into this method. What is needed is actually an organization rather than individual. Historically, individuals will eventually quit or pass-on thus leaving the system "dead-in-the-water".

On the topic of actual "wall paper" nothing should prevent the use of these cards. In fact, if modeled after the currency systems of the world paper QSLs equate to paper money and E-QSLs equate to wire transfers. I like to collect paper QSLs but right now I have several countries on E-QSL that are worthless toward DXCC (the initial 100) that are badly nedded. In fact, one overseas ham was not aware of the ARRL stand and had actually sent me an E-QSL plus one through the slow and antiquated QSL Bureau System. (On that topic I have at least 3 envelopes on file - one for each postage change but nothing comes out. In fact the Bureau assistant manager for my call group will not respond to email inquires.)

The cavet for the organization accepting this responsibility is they cannot require membership to access. They could charge a fee for registration maintenance to recover costs.

kal

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> Greetings,
>
> I believe in E-QSL, but nothing I have seen so fair fills the bill.
>
> I think the solution should be open source so that we don't get
> locked in to one provider of trusted E-QSLs.
>

460. Re: Ask Helpful (was Re: Hardware tip needed)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 17:18:44 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3A9549F4.273F16D3@dioxine.com>
Source record: 9297

Rob Janssen wrote:

> Dana H. Myers <dana@dioxine.com> wrote:
>
> >Alexander Newald wrote:
>
> >> Ok,
>
> >> I see that I can't get any answer here. Seems that only kidding guys
> >> are talking in this group.
>
> >Not that long ago, someone that calls themself "helpfull@my-deja.com" was
> >apparently pretty excited about using low cost NBFM FRS HTs to implement
> >a free wireless Internet system.
>
> The guy is posting with a .de mail address. The US radio service
> categories are not valid in Germany.

Minor detail, I suspect. The principles are the same; perhaps using whatever
CB-type radios are available in Germany.

Dana

461. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 18:33:34 UTC
From: "radiosigs@mindspring.com" <radiosigs@mindspring.com>
Message-ID: <973pifbnf1@nntp9.atl.mindspring.net>
Source record: 9300
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

Oy vey, what bullsnot! You are definitely on the right track concerning e-QSLs but all this damn bureaucratic rigamarole red tape nonsense over them is preposterous.

You work a guy and he sends a plain and simple e-mail conformation. "This is to acknowledge my SSB contact with WX56Fink on 14.279 at 0046 UTC, Feb.20,2001. Ur sig 5/7 and so forth and so on." You then print it out and if need be send it to the ARRL for your WAS or WAC or whatever. If they accept it,fine. If not, they're cutting off their nose to spite their face. Why my cavalier attitude?

One has to be just plain stupid not to know that computers are overwhelming ham radio in interest/popularity. The ARRL wants to do everything possible to keep their own tuchuses afloat so why would they reject such down to earth e-QSLs? You think they're out to make it tougher on Joe Ham? And besides, we are a cut above the rest, aren't we?

By nature, QSL collectors are Boy Scouts except of course if they nowadays lean toward homosexuality which is taboo. At any rate this whole concept of e-QSLs is excellent. The price of postage keeps rising and so do QSL cards. Naturally if the ARRL goes along with the idea, their QSL printer advertisers will go crazy and try to convince them of the fact that every e-one will be bogus. But in the long run they'll shut up because it's a losing battle for them.

"Wags" you're a flaming genius but enough with all this pomp and circumstance regarding the formalization and authenticity of those cards. Want to work the country of "Goochaboola." Nowadays one can either listen for it on the bands and send a signal at 186,000 miles per second to snag it or look for a newsgroup, alt.goochaboola.politics and work it that way. Want to keep ham radio alive? INCORPORATE computer QSLs into it instead of scoffing at the idea. How about an autograph, "Wags?" You're a mover and shaker.
Doc,AF2Y

In article <tZcl6.117$oX3.6293@newsread1.prod.itd.earthlink.net>, "cotter pins" <thisiscream@aol.com> wrote:

> "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
>> Greetings,
>>
>> I believe in E-QSL, but nothing I have seen so fair fills the bill.

>>
>> I think the solution should be open source so that we don't get
>> locked in to one provider of trusted E-QSLs.
>>
>> Here is the idea:
>>
>> The system would use digital signatures based upon the RSA
>> encryption standard. The public key would be signed by a
>> trusted third party. Once the key has been signed, it can
>> be transmitted with the E-QSL or looked up in a trusted public
>> key server. The details is a little hard to explain, but
>> the jest is once a amateur has a signed public key, anyone
>> can validate their e-qsl information without using a active
>> protocol with a third part. This means that my log program
>> can email a qsl information almost in real time.
>>
>> Everything needed to do this is public and free to use. We
>> will need the following functions:
>>
>> 1. Certification Authority software and libraries.
>> 2. Signing libraries.
>> 3. validation libraires.
>>
>> The goal is to create a set of libraries and software which
>> will be licensed using LGPL (Lessier Gnu Public Licenses) or
>> open software licenses. This will allow trusted groups such
>> as ARRL to have a revenue on create certifications (signing
>> public keys) but no one will have a lock on the software.
>> This we allow logging software authors to incorporate digital
>> signature functions into their logging program without having
>> to pay a license fee.
>>
>> I can do most of the design and some of the program, but I
>> can't do it by myself. Most important I DO NOT want to OWN IT.
>> For this to work it must be a free standard, with no strings
>> attached.
>>
>> TQSL to be:
>>
>> 1. A trusted system
>> 2. Free and open standards
>> 3. Easy to use and implement. ie: Users pushs a button on
>> his/her logging program and a TQSL is created. This eqsl
>> could be sent via email, to a e-buro, etc. The important
>> thing is once created it can be authenicated at any point
>> by anyone, just by point software at it.
>>
>> Any takers?
>>
>> Darryl Wagoner WA1GON

462. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 18:35:05 UTC
From: cotter pins <thisiscream@aol.com>
Message-ID: <tZcl6.117$oX3.6293@newsread1.prod.itd.earthlink.net>
Source record: 9298
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

Now let me get this straight Darryl....

We now need a system of "E-QSL's" because (really) hams are
too stinking *cheap* to spend 34 cents postage to put their QSL
in a envelope..??

This is the root cause (above) which is REALLY driving this issue!
Is it no? Be honest now. What a bunch of tightwads you
hams are. When's the last time GW saw sunlight opening up your moldy
wallets? And I thought all these guys were tighter than a crab's asshole
at hamfests - hoy.

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> Greetings,
>
> I believe in E-QSL, but nothing I have seen so fair fills the bill.
>
> I think the solution should be open source so that we don't get
> locked in to one provider of trusted E-QSLs.
>
> Here is the idea:
>
> The system would use digital signatures based upon the RSA
> encryption standard. The public key would be signed by a
> trusted third party. Once the key has been signed, it can
> be transmitted with the E-QSL or looked up in a trusted public
> key server. The details is a little hard to explain, but
> the jest is once a amateur has a signed public key, anyone
> can validate their e-qsl information without using a active
> protocol with a third part. This means that my log program
> can email a qsl information almost in real time.
>
> Everything needed to do this is public and free to use. We
> will need the following functions:
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> 1. Certification Authority software and libraries.
> 2. Signing libraries.
> 3. validation libraires.
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> The goal is to create a set of libraries and software which
> will be licensed using LGPL (Lessier Gnu Public Licenses) or
> open software licenses. This will allow trusted groups such

> as ARRL to have a revenue on create certifications (signing
> public keys) but no one will have a lock on the software.
> This we allow logging software authors to incorporate digital
> signature functions into their logging program without having
> to pay a license fee.
>
> I can do most of the design and some of the program, but I
> can't do it by myself. Most important I DO NOT want to OWN IT.
> For this to work it must be a free standard, with no strings
> attached.
>
> TQSL to be:
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> 1. A trusted system
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> 3. Easy to use and implement. ie: Users pushs a button on
> his/her logging program and a TQSL is created. This eqsl
> could be sent via email, to a e-buro, etc. The important
> thing is once created it can be authenicated at any point
> by anyone, just by point software at it.
>
> Any takers?
>
> Darryl Wagoner WA1GON
> darryl@shecora.com

463. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 19:04:56 UTC
From: Darryl Wagoner <dwagoner@shecora.com>
Message-ID: <3A9562D8.760DD83A@shecora.com>
Source record: 9299
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

cotter pins wrote:

> Now let me get this straight Darryl....
>
> We now need a system of "E-QSL's" because (really) hams are
> too stinking *cheap* to spend 34 cents postage to put their QSL
> in a envelope..??
>
> This is the root cause (above) which is REALLY driving this issue!
> Is it no? Be honest now. What a bunch of tightwads you
> hams are. When's the last time GW saw sunlight opening up your moldy
> wallets? And I thought all these guys were tighter than a crab's asshole
> at hamfests - hoy.

I really think cost is a secondary factor. The main factor is that e-QSLs
are
easy and fast. I known hams who have waited over a year for a QSL card.
Cost is important as well. There is the cost of printing and the cost
of mailing. $0.34 isn't much until you have to mail out 30,000 cards, then
we are talking real money. Even someone like me who only makes
a few thousand contacts per year it still adds up.

The other issue is Trusted E-QSLs will help streamline the awards process.
Not only in the amount of time it takes to process the award, but in
the time required to collect the QSL cards.

I have been getting a lot of interest in email about this concept.

Later
Darryl WA1GON

464. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 20:02:41 UTC
From: K0HB@arrl.org
Message-ID: <973r91$g7d$1@news.netmar.com>
Source record: 9201
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.shortwave

In article <3A9562D8.760DD83A@shecora.com>, Darryl Wagoner
<dwagoner@shecora.com> writes:
>cotter pins wrote:
>
>> Now let me get this straight Darryl....
>>
>> We now need a system of "E-QSL's" because (really) hams are
>> too stinking *cheap* to spend 34 cents postage to put their QSL
>> in a envelope..??
>>
>> This is the root cause (above) which is REALLY driving this issue!
>> Is it no? Be honest now. What a bunch of tightwads you
>> hams are. When's the last time GW saw sunlight opening up your moldy
>> wallets? And I thought all these guys were tighter than a crab's asshole
>> at hamfests - hoy.
>
>I really think cost is a secondary factor. The main factor is that e-QSLs
>are
>easy and fast. I known hams who have waited over a year for a QSL card.
>Cost is important as well. There is the cost of printing and the cost
>of mailing. $0.34 isn't much until you have to mail out 30,000 cards, then
>we are talking real money. Even someone like me who only makes
>a few thousand contacts per year it still adds up.
>
>The other issue is Trusted E-QSLs will help streamline the awards process.
>Not only in the amount of time it takes to process the award, but in
>the time required to collect the QSL cards.
>
>I have been getting a lot of interest in email about this concept.
>
>Later
>Darryl WA1GON
>
>

----- Posted via NewsOne.Net: Free (anonymous) Usenet News via the Web -----
http://newsone.net/ -- Free reading and anonymous posting to 60,000+ groups
NewsOne.Net prohibits users from posting spam. If this or other posts
made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

465. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 20:13:37 UTC
From: K0HB@qwest.net
Message-ID: <973rthhgo1@news.netmar.com>
Source record: 9202
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.shortwave

In article <3A9562D8.760DD83A@shecora.com>, Darryl Wagoner
<dwagoner@shecora.com> writes:

>The other issue is Trusted E-QSLs will help streamline the awards process.
>Not only in the amount of time it takes to process the award, but in
>the time required to collect the QSL cards.

I've already been notified I'd be a pariah if I opposed this idea, so my
continued opposition can't hurt me anymore, I guess.

There are four reasons (at least) why this idea will not be widely adopted.

#1) Traditionalists (like me) who place high value on paper QSLs will not
participate in an eQSL scheme.

#2) Most major DXpeditions derive much of their funding from donations
received in the QSL process. They are unlikely to participate in scheme
which diminishes that funding channel.

#3) Perhaps less than 50% of the DXCC 'entities' have the required telecom
infrastructure to support routine participation by the average resident.

#4) ARRL is well down the path of deploying LOTW which will become the DXCC
"eLog", and thus the 'solution of choice' among serious DX players. Any
other scheme is second-tier right out of the box.

73, Pariah, K0HB

Good luck on this one now!

----- Posted via NewsOne.Net: Free (anonymous) Usenet News via the Web -----
http://newsone.net/ -- Free reading and anonymous posting to 60,000+ groups
NewsOne.Net prohibits users from posting spam. If this or other posts
made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

466. Re: 1 GHz receiver (DSS?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 23:14:36 UTC
From: LAN Installation <jerryr123@home.com>
Message-ID: <9746gt$555@news.APSC.COM>
Source record: 9203

Walmart has been selling the RCA DSS recievers new with the 18" dishes for
$48. This is the walkaway price with no programming, don't show them any
identifications, cash price.
73 W5RCQ
"Steve Sampson" <k5okc@nospamhome.com> wrote in message
news:7aOi6.237702$ge4.81458272@news2.rdc2.tx.home.com...
> I've been doing some web searches for DSS receiver modules.
> Does anyone know of a source for a cheap ($20 - $30) source
> for these. I'm interested, because they are operate with a 1 GHz
> input. This is for an application other than MPEG video. As I
> understand it, the dish downconverts the satellite signal to 1 GHz
> IF, which the receiver that hooks up to that, is just what I would like.
>
> Even a source for a cheap DSS receiver (that won't be used as one) :-)
>
> Steve
>
>
>

467. Re: Hardware tip needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-22 23:55:48 UTC
From: James Jefferson <jjeffers@deskmedia.com>
Message-ID: <3A95A704.22B0229@deskmedia.com>
Source record: 9204

Alexander - your question is still a bit vague, but I will give it a try...

Consider getting some inexpensive 2.4GHz wireless ethernet cards. Here in the US they are about $100 each, new (I got two used cards for $40 each at the Dayton Hamvention a few years ago). The antennas that come with them probably won't work, however you can easily build helix antennas. I built some 2.4GHz 6 turn helix antennas (more or less following the plans for a feed for a satellite antenna in the ARRL antenna book) for about $4 in parts. They were basically old copper overhead wire (30mm diameter), N panel mount connector, and printed circuit board stock.

The result? My neighbor and I have a link that works at about 89KB a second and we less then $140 invested in it.

If you would like a few pictures I could send them to you.

-James Jefferson

Alexander Newald wrote:

> Hello,
>
> so I see there can be answers. Sorry if my first question was not as
> good as it should be.
>
> My problem is:
>
> I have two buildings with internal networks using linux boxes as
> servers for mail and fileservice. Now I have to set up a solution to
> connect these two buildings (about 500m distance) so that email is
> possible. The problem is that there is a river (small, but water)
> between them so wire gets no chance. I would be happy with about 50 -
> 100 kbit that should be enougth for email.
>
> Thanks,
>
> Alexander Newald
>
> --
> Alexander Newald Internet presentation & Network solution
> Wunstorfer Straï¿½e 72
> 30453 Hannover - Germany Information: http://www.newald.de/service

468. WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 01:43:38 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <974f7s$ev0$1@newsfeed.minn.net>
Source record: 9205
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

NEEDED A VARIABLE 50 OHM ATTENUATOR. 0-100DB OR SO.
DIAL TYPE ASAP....

73'S N0MNB

469. FS: JPS NIR-10 NIR10 NIR 10

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 02:58:10 UTC
From: W5CIA <w5cia@nospam.hotmail.com>
Message-ID: <lqkl6.124752$Ch.22871993@newsrump.sjc.telocity.net>
Source record: 9206
Cross-posted to:
rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

FS: JPS NIR-10 NIR10 NIR 10

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1216965419

--
Thanks
STEVE
W5CIA
DXCC 327

remove nospam on email address to reply

470. Re: 1 GHz receiver (DSS?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 03:04:43 UTC
From: SRS <k5okc@nospamhome.com>
Message-ID: <frkl6.288525$ge4.98485442@news2.rdc2.tx.home.com>
Source record: 9207

Guess I'll have to make my annual trek to Wal-Mart.
Did you ever notice, that everything in that store looks
like it has been returned? :-)

"LAN Installation" <jerryr123@home.com> wrote
> Walmart has been selling the RCA DSS recievers new with the 18" dishes for
> $48. This is the walkaway price with no programming, don't show them any
> identifications, cash price.

471. FS: Installation, Commands, & Operations manuals for the following TNC's: Kantronics KAM KPC-1,KPC-2,KPC-4 KPC-2400.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 03:39:09 UTC
From: W5CIA <w5cia@nospam.hotmail.com>
Message-ID: <C0ll6.124763$Ch.22899295@newsrump.sjc.telocity.net>
Source record: 9208
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

FS: Installation, Commands, & Operations manuals for the following TNC's:
Kantronics KAM KPC-1,KPC-2,KPC-4 KPC-2400.
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1216984032
--
Thanks
STEVE
W5CIA
DXCC 327

remove nospam on email address to reply

472. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 12:31:07 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t9clu91gv5ek66@corp.supernews.com>
Source record: 9210
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

I agree with John. I like getting cards in the mail and I like to see REAL QSL cards that have some creativity. Some of the DX cards have beautiful pictures of their homelands, station, etc. Yes, they may cost us more (greenstamps to the DX stations) but there is a great thrill in getting overseas mail with the QSL.

Also, I think the ARRL should sponsor an award(s) the promotes real QSLing beyond what we have today with WAS, WAC, and DXCC - both stateside and international.

Regards,

Duffy - WB8NUT
"WW Warren" <kb9tmp@my-deja.com> wrote in message
news:970mooqph1@dagobah.blueriver.net...
> John
> Why not upload those E-QSL 'Cards' to a free web page provider like
QSL.net, Angelfire or Geocities
> and put them on a web page so not just you but EVERYONE could see them? It
would also save space on
> your computer and wall for that matter! :^)
>
> --
> ---
> "73" from the cornfields of Orange County Indiana!
> <'}}}>< <'}}}>< WW - KB9TMP <'}}}>< <'}}}><
> on the web at http://www.qsl.net/kb9tmp/
> Orange Co. A.R.C. http://www.qsl.net/kb9ohy/
>
>
>
> "John Passaneau" <jxp16@psu.edu> wrote in message
news:970ktq$om6@r02n01.cac.psu.edu...
> > Hi all:
> > The problem I have with E-QSL's is that their boring. There is nothing
to
> >
> > display on wall. The ones I've received are not very well done and if I
do
> >
> > print them they don't look very good and I have to pay for the cost of
> >
> > printing. They take up a lot of room on the hard drive if you don' print
> >

> > them. So I find little to like about E-QSL's. I saw that the ARRL was
> >
> > looking into a system that would, as I read it, keep a trusted list of
> >
> > stations you have worked, and conformations from those stations which
would
> >
> > be good for awards. I guess that this would be OK, but not much fun. I
can
> >
> > see no way that E-QSL's can ever be as much fun as getting a bunch of
cards
> >
> > in the mail. I went to the E-QSL site and I had a bunch of "cards"
waiting
> >
> > for me, I looked at them and down loaded them, but after a bit I dumped
them
> >
> > off the computer, no magic, no fun, no interest.
> >
> >
> >
> >
> > --
> > John Passaneau
> > Penn State University, State College Pa.
> > W3JXP
> > w3jxp@arrl.net
> >
> >
> >
> >
> >
> > "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> > news:904F5E29CdarrylNOSPAMshecorac@207.126.101.100...
> > > Greetings,
> > >
> > > I believe in E-QSL, but nothing I have seen so fair fills the bill.
> > >
> > > I think the solution should be open source so that we don't get
> > > locked in to one provider of trusted E-QSLs.
> > >
> > > Here is the idea:
> > >
> > > The system would use digital signatures based upon the RSA
> > > encryption standard. The public key would be signed by a
> > > trusted third party. Once the key has been signed, it can
> > > be transmitted with the E-QSL or looked up in a trusted public
> > > key server. The details is a little hard to explain, but

> > > the jest is once a amateur has a signed public key, anyone
> > > can validate their e-qsl information without using a active
> > > protocol with a third part. This means that my log program
> > > can email a qsl information almost in real time.
> > >
> > > Everything needed to do this is public and free to use. We
> > > will need the following functions:
> > >
> > > 1. Certification Authority software and libraries.
> > > 2. Signing libraries.
> > > 3. validation libraires.
> > >
> >
> >
> > sniped text to pacify the universities stupid mailer system
> >
> >
> >
> > > TQSL to be:
> > >
> > > 1. A trusted system
> > > 2. Free and open standards
> > > 3. Easy to use and implement. ie: Users pushs a button on
> > > his/her logging program and a TQSL is created. This eqsl
> > > could be sent via email, to a e-buro, etc. The important
> > > thing is once created it can be authenicated at any point
> > > by anyone, just by point software at it.
> > >
> > > Any takers?
> > >
> > > Darryl Wagoner WA1GON
> > > darryl@shecora.com
> >
> >
> >
> >
> >
> >
>
>

473. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 12:42:49 UTC
From: lak <lak@radioland.net>
Message-ID: <#WHxtXZnAHA.338@cpmsnbbsa09>
Source record: 9214
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

Apparently Mr. Cotter Pin, you have never sent a DX QSL, they cost of "one Hellva" (using red neck vernacular) more than $0.34 to send. In fact it is now for just a basic DX QSL as follows:

sending envelope $0.05
SASE $3.05 (up to)
QSL $0.15 (up to)
Total Cost $3.25 (up to)

Now to qualify this "up to" amount, this card was sent to a German QSL manager. I would guess the average cost is around $2.00 per card, if an American Ham is being nice and trying to pay their way.

What I cannot understand is this issue "pisses you off" so much. It just people putting ideas up for evaluation and process improvement. Personally the cheapest people in Ham Radio I have met are the ones who show up to Hamfests and want to give one $5.00 for a piece of equipment that really worth several hundred. These people usually are trying to buy low and then in turn sell high at another Hamfest. This does not have one damn thang (using neck vernacular again) with the cost of QSLing.

I dont know what exactly your problem is but dont take it out on the rest of us.

lak

"cotter pins" <thisiscream@aol.com> wrote in message news:tZcl6.117$oX3.6293@newsread1.prod.itd.earthlink.net...
> Now let me get this straight Darryl....
>
> We now need a system of "E-QSL's" because (really) hams are
> too stinking *cheap* to spend 34 cents postage to put their QSL
> in a envelope..??
>
> This is the root cause (above) which is REALLY driving this issue!
> Is it no? Be honest now. What a bunch of tightwads you
> hams are. When's the last time GW saw sunlight opening up your moldy
> wallets? And I thought all these guys were tighter than a crab's asshole
> at hamfests - hoy.
>

474. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 13:16:31 UTC
From: Cecil <Cecil.A.Moore@IEEE.org>
Message-ID: <3A9662AF.E34EA723@IEEE.org>
Source record: 9211
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

"J. Duffy Beischel" wrote:
> I agree with John. I like getting cards in the mail and I like to see REAL
> QSL cards that have some creativity.

There's no reason why the exact same QSL card cannot be sent as an
email GIF file.
--
http://www.mindspring.com/~w6rca

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

475. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 16:50:06 UTC
From: Rich@iwantnospam.org
Message-ID: <slrn99d507.q55.Rich@zippy.aa2ys.ampr.org>
Source record: 9212
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

On Fri, 23 Feb 2001 07:31:07 -0500, J. Duffy Beischel <duffyb01@fuse.net> wrote:
>I agree with John. I like getting cards in the mail and I like to see REAL
>QSL cards that have some creativity. Some of the DX cards have beautiful
>pictures of their homelands, station, etc. Yes, they may cost us more
>(greenstamps to the DX stations) but there is a great thrill in getting
>overseas mail with the QSL.
>
>Also, I think the ARRL should sponsor an award(s) the promotes real QSLing
>beyond what we have today with WAS, WAC, and DXCC - both stateside and
>international.

I suspect that some of the reported decline is QSLing, besides the cost,
is simply that for younger people, there is no longer anything particularly
exotic about communicating with people in far-off places. The world
has turned into such a small place that there is nothing special about
seeing images, or getting things from the other side of the planet.

For example, my enjoyment of radio comes more from playing with the
technology, and not really from "Hey! I just talked with a guy living
in Denmark!" I suspect I'm not alone in that.

- Rich

--
Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum
immane mittam.

476. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 17:09:59 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <90517AA80darrylNOSPAMshecorac@207.126.101.100>
Source record: 9213
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

lak@radioland.net (lak) wrote in <#GJWuzMnAHA.269@cpmsnbbsa07>:

>I agree with Darryl on this, in fact my correspondance with the ARRL
>regarding E-QSL revealed they are looking into this method. What is
>needed is actually an organization rather than individual. Historically,
>individuals will eventually quit or pass-on thus leaving the system
>"dead-in-the-water".
....
>The cavet for the organization accepting this responsibility is they
>cannot require membership to access. They could charge a fee for
>registration maintenance to recover costs.

Sure they could. That is one of the great things about this
model. It isn't one enity that is responsible. The CA (Certification
Authority) is free to put any requirements they wish. What
the awards sponsers can not be allowed to do is unreasonably
restrict the use of a CA for validating public keys. This
could mean that your local radio club could and should become
a CA. They would have the burden of proof that they should
be consider a trusted CA. If a CA does become "untrusted"
their certificates would not be honored.

By using this model it creates a open market for CA and reduces
the chances that one enity will end of with control over
the whole thing. That is why I started this effort. To
prevent a single enity from becoming the master of eqsls.

I just created a reflect on yahoo groups. If you are interest
in this please join. thanks

Post message: TrustedQSL@yahoogroups.com
Subscribe: TrustedQSL-subscribe@yahoogroups.com
Unsubscribe: TrustedQSL-unsubscribe@yahoogroups.com
List owner: TrustedQSL-owner@yahoogroups.com

Darryl WA1GON

477. writelog for Aussie

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-23 23:40:30 UTC
From: zl2bmh <zl2bmh@infogen.net.nz>
Message-ID: <3a96f396@news>
Source record: 9215

Hello All.

I reside deep down in the Pacific, New Zealand. Unfortunately I am the only 'Ham' who ownes Writelog.

If there is an Australian Amateur who has WL could you please contact me via my e-mail address. Many thanks.

Jim

--
E-Mail: zl2bmh@infogen.net.nz
Microsoft's Messenger

478. FS - DOVETRON regen. RTTY TU

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 02:13:16 UTC
From: jflanders2@home.com
Message-ID: <3a9718a5.121805284@news>
Source record: 9216

DOVETRON regenerative RTTY Terminal Unit, model MPC-1000R-II. Top of the line commercial TU from mid-'80's. In addition to conventional loop output, it has EIA +/-12V and MIL +/-6V signal outputs for easy interfacing to computers or TUs like the PK232. Has cross "scope display" on front panel for tuning, can tune to widely varying mark / space frequencies and shifts. Can generate AFSK on set freqs.

Includes copy of manual for MPC-1000CR/T Mark II ("Tempest" version, which is a VERY similar unit).

19 inch rack mount, about 4 inches high. Front and back clean but some knobs are missing the metal disc insert. Top and bottom are scratched.

$140 plus UPS from ZIP 29860. Satisfaction guaranteed 10 days or money back less shipping.

Makes a neat tunable front end for the PK-232, which is how I am using my other one (have 2 of them).

Jerry W4UK

479. FA: Yaesu FT-1500-M VHF Mobile w/mod.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 07:16:32 UTC
From: mikemost@aol.comnospam
Message-ID: <20010224021632.03913.00005824@ng-mi1.aol.com>
Source record: 9217

Has packet port as well.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1217235658

73's,
Mike
KC2GFG/SKYWARN - NJ

480. Re: WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 07:54:53 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <60pe9to55lpu8l0i5klkobios5qcaj2lqd@4ax.com>
Source record: 9218
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Thu, 22 Feb 2001 19:43:38 -0600, "Bill N0MNB" <N0MNB@MINN.NET>
wrote:

>NEEDED A VARIABLE 50 OHM ATTENUATOR.

What frequency range ?

>0-100DB OR SO.

How do you expect to get such attenuations when cable leakage is much
more than that above audio frequencies.

481. Re: Beware of Tom Sevart N2UHC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 12:58:31 UTC
From: Web <WebFx27@hotmail.com>
Message-ID: <XdOl6.5359$Vj5.960991@news02.optonline.net>
Source record: 9219

Make a complaint with the US Postal Inspectors. I believe he may have committed wire fraud

"caddoo" <caddoo@earthlink.net> wrote in message news:3a9ea370.40319919@news.earthlink.net...
> To anyone who intends to deal with Tom Sevart, please read this
> message first!
>
> I purchased a Icom R71A, which Tom advertised right here on
> RecRadioSwap. He advertised that it was in excellent condition and
> from a non-smoker.
>
> I sent him the money he asked for, he would not ship COD, so he had my
> money first, which would be fine if he sent what he advertised.
>
> But when the radio arrived, it did not work, all the screws were loose
> and odd colors. He obviously had been in the radio and there was an
> obvious problem with it working.
>
> I called him, he told me, oh, I was afraid that might happen. So he
> knew it had a problem but NEVER disclosed it to me when I was
> inquiring about purchasing i t.
>
> He told me he would send me back a check and then I would send him
> back the radio. Ten minutes later, he called and said his wife spent
> the money and has no money to send me and hung up the phone on me.
>
> Therefore, I'm stuck with TOm's bomb. It cost me $400. and the bum
> won't fess up to his responsibility.
>
> So, I am posting here a "BEWARE" and will give his info so NO ONE else
> will have to be ripped off like I was.
>
> Thomas M. Sevart N2UHC
> 307 Granby
> Frontenac, KS 66763-2440
> (316) 231-0228
>
> Do yourself a favor, and never deal with this character. He is a
> disgrace to the Ham radio hobby. His call is N2UHC and should be
> remembered as a crook.
>
> I will, however, look into other avenues of getting my money back from
> this thief.

>
> Here is a copy of his ad:
>
>
> I have an R71A for sale in excellent condition. Coverage is 100 KHZ -
> 30
> MHZ AM/FM/USB/LSB/CW/RTTY. 32 memory channels. Optional FM board
> installed
> & remote control included. Owner is a non-smoker. I am asking $400
> firm.
> The receiver can be seen at http://photos.yahoo.com by clicking on
> "Radio
> Pics." I want to sell this receiver so I can buy an R75. If
> interested,
> contact me at n2uhc@yahoo.com.
>

482. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 14:05:11 UTC
From: lak <lak@radioland.net>
Message-ID: <Ox5bYqmnAHA.327@cpmsnbbsa09>
Source record: 9220
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc

"Rich" <Rich@iwantnospam.org> wrote in message
news:slrn99d507.q55.Rich@zippy.aa2ys.ampr.org...

..... deleted stuff .....

> I suspect that some of the reported decline is QSLing, besides the
cost,
> is simply that for younger people, there is no longer anything
particularly
> exotic about communicating with people in far-off places. The world
> has turned into such a small place that there is nothing special about
> seeing images, or getting things from the other side of the planet.
>
> For example, my enjoyment of radio comes more from playing with the
> technology, and not really from "Hey! I just talked with a guy living
> in Denmark!" I suspect I'm not alone in that.
>
> - Rich

Found this issue to be true at in my college EE classes. The students are more interested in technology than who they talk with. One guy said he could call overseas on his cell phone from anywhere in the US without big antennas or expenses. The university Ham club, that started up 10 years ago, has been floundering with just a few people mainly interested in 2 meter autopatch calls.

lak

483. Re: Beware of Tom Sevart N2UHC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 14:12:59 UTC
From: lak <lak@radioland.net>
Message-ID: <ec0DvumnAHA.235@cpmsnbbsa09>
Source record: 9221

Wire fraud is under FBI jurisdiction.

The Postal Inspectors will cease the unit for evidence and they money will be returned as soon as the investigation terminates due to court proceeding conclusions or the perpetrator make restitution. The bottom line is the radio unit will become property of the Federal Court System as forfeited as evidence by the victim and perpetrator. The fraud in this form of action is due to the US Postal Service being the conveyor of the medium of compensation, i.e. the Money, Check or Postal Money order.

Best form of immediate resolution will be negotiation rather than threats. Both parties at this point from all I have read are "pissed off" and wanting to fight or seek revenge.

- Former Cop

"Web" <WebFx27@hotmail.com> wrote in message
news:XdOl6.5359$Vj5.960991@news02.optonline.net...
> Make a complaint with the US Postal Inspectors. I believe he may have
> committed wire fraud
>
>

484. Re: Beware of Tom Sevart N2UHC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-24 19:23:45 UTC
From: mikemost@aol.comnospam
Message-ID: <20010224142345.05770.00005775@ng-md1.aol.com>
Source record: 9222

That's really interesting, you learn something new everyday.

73's,
Mike
KC2GFG/SKYWARN - NJ

485. Re: WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 00:04:50 UTC
From: Reg Edwards <g4fgq.regp@btinternet.com>
Message-ID: <979i50jqm1@uranium.btinternet.com>
Source record: 9223
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Such attenuators do exist. I have in the shack a 0-100 dB
attenuator in 1 dB steps. It was manufactured by Pascall, UK, about
5 years back. I forget the price but it was quite expensive. Don't
know whether the firm still exists. Built into a solid die-cast
aluminium-alloy box.

Cable leakage does not increase with frequency - it decreases.
Worst of all at DC and audio frequencies. Leakage occurs mostly at
connectors. Use threaded types, not simple plug and socket.
Impedance mismatch at connectors is no problem with attenuation
measurements.

I have made measurements up to 160 dB at up to 5 MHz by comparison
with variable attenuators. A 10 watt signal generator is needed.
Without any extraordinary precautions it is possible to make
measurements with an uncertainty of a few tenths of a decibel at
100 dB.

I have also made measurements with a precision of 0.001 decibels at
frequencies up to 10 MHz. Such measurements are necessary to
determining the loss vs temperature coefficients of components and
systems when it is possible to vary the temperature only a few
degrees C. A high precision is also needed when calibrating field
attenuators against laboratory standards.
--
****
Regards, Reg, G4FGQ
Free radio design & modelling software
http://www.btinternet.com/~g4fgq.regp

****

Paul Keinanen <keinanen@sci.fi> wrote in message
news:60pe9to55lpu8l0i5klkobios5qcaj2lqd@4ax.com...
> On Thu, 22 Feb 2001 19:43:38 -0600, "Bill N0MNB" <N0MNB@MINN.NET>
> wrote:
>
> >NEEDED A VARIABLE 50 OHM ATTENUATOR.
>
> What frequency range ?
>
> >0-100DB OR SO.
>
> How do you expect to get such attenuations when cable leakage is

much
> more than that above audio frequencies.
>

486. Re: WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 07:33:39 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <vn7h9ts7lvt8647kcnbelj3tiik2mf108c@4ax.com>
Source record: 9224
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Sun, 25 Feb 2001 00:04:50 -0000, "Reg Edwards"
<g4fgq.regp@btinternet.com> wrote:

>Such attenuators do exist. I have in the shack a 0-100 dB
>attenuator in 1 dB steps. It was manufactured by Pascall, UK, about
>5 years back. I forget the price but it was quite expensive.

I guess that it must be quite expensive if you really get such
accuracy as you later claim, even in a controlled constant
temperature.

I also suspect that the VHF/UHF performance is not that spectacular
and since the original poster did not specify the required frequency
range, I originally asked about it.

>Cable leakage does not increase with frequency - it decreases.
>Worst of all at DC and audio frequencies. Leakage occurs mostly at
>connectors. Use threaded types, not simple plug and socket.

DC and audio circuits generally have a much higher impedance levels
than 50 or 75 ohms used in RF circuits, so the capacitive coupling is
a much worse problem. At very low frequencies the coaxial cable does
not work properly as a transmission line, thus the isolation is not
very good. However, due to losses at very high frequencies, the shield
no longer act as a perfect conductor and you can get different
currents flowing on the inside and outside of the shield.

>I have also made measurements with a precision of 0.001 decibels at
>frequencies up to 10 MHz.

I guess that must be the readout resolution in some comparative
measurements but not an actual precision. A 0.001 dB voltage ratio is
115 ppm (0.015 %), so I wonder how this accuracy could be maintained,
especially if some real power levels are involved heating the
attenuator.

Paul OH3LWR

487. Mac Software FTP Site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 11:27:01 UTC
From: wd1v@amsat.org
Message-ID: <wd1v-2502010627050001@wdonev.ne.mediaone.net>
Source record: 9225

* Macnet Software Collections
ftp://ftp.qsl.net/pub/wd1v/
http://www.qrz.com/download/mac/index.html

* Macnet Ham Radio Software Listing - "The List" of the latest - much of it with FTP links so what you see is what you can get with just a click.
http://www.qsl.net/wd1v/Page7.html

* Macnet Member Listing - as the name implies, its "The List" of all of the hams in the world that are using Macs with their radios. In ZIP CODE order so you can see your neighbors and get together easily.
http://www.qsl.net/wd1v/Macnet2001.html

JS
http://www.qsl.net/wd1v

488. Re: WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 12:55:58 UTC
From: Reg Edwards <g4fgq.regp@btinternet.com>
Message-ID: <97avaa$dt0$1@neptunium.btinternet.com>
Source record: 9226
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Absolute accuracy should not be confused with precision.

To measure attenuation within "a few tenths of a dB" (at any attenuation level) entails detecting a difference between two voltages which are a few percent different from each other. This is an easy job for any voltmeter. Errors are not due to the comparing voltmeter but to the measuring components, cables, connectors and layout.

Accuracy entails comparison with a local standard. There will be uncertainty in the local standard in addition to errors introduced during the comparison process. There will also be uncertainties introduced at each calibration level up to the International standard.

Precision is related only to local effects such as signal to noise ratios. It is relatively easy to detect a difference of 10 microvolts between two voltages of about 1 volt each. This corresponds to a precision better than +/- 0.0001 dB
--
Regards, Reg, G4FGQ
http://www.btinternet.com/~g4fgq.regp

****

Paul Keinanen <keinanen@sci.fi> wrote in message
news:vn7h9ts7lvt8647kcnbelj3tiik2mf108c@4ax.com...
> On Sun, 25 Feb 2001 00:04:50 -0000, "Reg Edwards"
> <g4fgq.regp@btinternet.com> wrote:
>
> >Such attenuators do exist. I have in the shack a 0-100 dB
> >attenuator in 1 dB steps. It was manufactured by Pascall, UK,
about
> >5 years back. I forget the price but it was quite expensive.
>
> I guess that it must be quite expensive if you really get such
> accuracy as you later claim, even in a controlled constant
> temperature.
>
> I also suspect that the VHF/UHF performance is not that
spectacular
> and since the original poster did not specify the required
frequency
> range, I originally asked about it.

>
>
> >Cable leakage does not increase with frequency - it decreases.
> >Worst of all at DC and audio frequencies. Leakage occurs mostly
at
> >connectors. Use threaded types, not simple plug and socket.
>
> DC and audio circuits generally have a much higher impedance
levels
> than 50 or 75 ohms used in RF circuits, so the capacitive
coupling is
> a much worse problem. At very low frequencies the coaxial cable
does
> not work properly as a transmission line, thus the isolation is
not
> very good. However, due to losses at very high frequencies, the
shield
> no longer act as a perfect conductor and you can get different
> currents flowing on the inside and outside of the shield.
>
>
> >I have also made measurements with a precision of 0.001 decibels
at
> >frequencies up to 10 MHz.
>
> I guess that must be the readout resolution in some comparative
> measurements but not an actual precision. A 0.001 dB voltage
ratio is
> 115 ppm (0.015 %), so I wonder how this accuracy could be
maintained,
> especially if some real power levels are involved heating the
> attenuator.
>
> Paul OH3LWR
>
>

489. Looking for a small TRX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 17:12:46 UTC
From: Alex <GO2U@GMX.DE>
Message-ID: <97bee2fgt04$1@news.t-online.com>
Source record: 9227

I am looking for small transceiver, which I can transport in a small case. I ï¿½d like to use it for the digimodes on 20 m band. The output power should be 5 watts or above. Since I have no time for homebrewing, it should be plug & play. Overhere in europe my search had no success.

Any ideas?

73 de Al, DL4FDE / AA9QJ

490. Re: Looking for a small TRX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 17:28:04 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn99ig54.tau.nomail@linux.pe1chl.ampr.org>
Source record: 9230

```
Alex <GO2U@GMX.DE> wrote:
>I am looking for small transceiver, which I can transport in a small case. I
>ï¿½d like to use it for the digimodes on 20 m band. The output power should be
>5 watts or above. Since I have no time for homebrewing, it should be plug &
>play. Overhere in europe my search had no success.

>Any ideas?

Yaesu FT-817

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+
```

491. Re: Looking for a small TRX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 19:05:47 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <1Jcm6.1961$TW.11133@tor-nn1.netcom.ca>
Source record: 9228

Check out the new Yeasu FT-817.

It is a 5 watt rig for CW and SSB

73
Rob

"Alex" <GO2U@GMX.DE> wrote in message
news:97bee2fgt04$1@news.t-online.com...
> I am looking for small transceiver, which I can transport in a small case.
I
> d like to use it for the digimodes on 20 m band. The output power should
be
> 5 watts or above. Since I have no time for homebrewing, it should be plug
&
> play. Overhere in europe my search had no success.
>
> Any ideas?
>
> 73 de Al, DL4FDE / AA9QJ
>
>
>
>

492. Re: WANTED 50 OHM ATTENUATIOR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-25 20:02:23 UTC
From: Richard Clark <kb7qhc@home.com>
Message-ID: <kdni9t87fudq7v6tvtipks5gfq83i8i24v@4ax.com>
Source record: 9229
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Sun, 25 Feb 2001 09:33:39 +0200, Paul Keinanen <keinanen@sci.fi>
wrote:

>>I have also made measurements with a precision of 0.001 decibels at
>>frequencies up to 10 MHz.
>
>I guess that must be the readout resolution in some comparative
>measurements but not an actual precision. A 0.001 dB voltage ratio is
>115 ppm (0.015 %), so I wonder how this accuracy could be maintained,
>especially if some real power levels are involved heating the
>attenuator.
>
>Paul OH3LWR
>

Hi Paul,

Precision, Resolution. These can be the same thing or different;
however neither are a statement of accuracy.

When my old Drake TR-7 VFO gets buggy, I might note some one at
47.1652 MHz and smile at the precision of that reading, and yet it is
off by 40 MHz (an errant 4 is showing). Lots of precision, lots of
error.

However, as your question lies dormant:
> I wonder how this accuracy could be maintained,
>especially if some real power levels are involved heating the
>attenuator.
which is a concern shared by any metrologist. The load is the
defining point of a power measurement. The load must be known and
with power applied - it changes.

The first, and simplest, solution is to over engineer the load's
ability to "DISSIPATE" energy. (sorry to scream in your ear, but
others here needed to hear that) That would suggest using a 100W
continuous service Dummy Load to measure 10W period limited power
measurements. Or simply measure the load under the power applied.

Attenuators, on the other hand, are not 100W and few are 10W devices.
Most are on the order of 0.1-5W. So, I presume you wonder how to get
one of these into the signal path of a 100W rig? You use a
directional coupler to tap a portion of the power (and you need to
know the portion, but accurate determinations are fairly simple) and

feed that tap through the attenuator and add the coupling loss (or that portion) to make a total.

In short, you have a 100W Source, a 100W Load, a 20 dB Directional coupler, a variable attenuator, an attenuator Load (how many miss this one?) and a detector. You can now read applied power at a 1W level instead of the 100W level. And you can measure the variation from that level with reference to your 100W reading to the resolution of the detector. Resolution or precision could run quite high. A measurements of change would also find high "relative" accuracy.

Relative accuracy means you do not need to know where you are, or where you started in absolute terms, merely how far apart they are. There is an interesting implication here in this subject. As we are interested in attenuation, any measurement of an attenuator is both "relatively" and "absolutely" accurate. This is one of Gary Peach's link pins to the absolute measure of received power.

73's
Richard Clark, KB7QHC

493. FS: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 01:31:31 UTC
From: James Moore <wu3v@home.com>
Message-ID: <Tlim6.3374$Ye3.893008@news1.rdc1.az.home.com>
Source record: 9231
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have a set of two WA4DSY modems and the Down East Microwave transverters.
These are the later versions that Pac-Comm is selling and are unused.
Original cost was 1500.00 I am looking for 900.00 OBO

Jim Moore
WU3V
wu3v@home.com

494. FS: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 01:31:31 UTC
From: James Moore <wu3v@home.com>
Message-ID: <Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com>
Source record: 9232

I have a set of two WA4DSY modems and the Down East Microwave transverters.
These are the later versions that Pac-Comm is selling and are unused.
Original cost was 1500.00 I am looking for 900.00 OBO

Jim Moore
WU3V
wu3v@home.com

495. WANTED LAPTOP BATTERY ZEOS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 13:30:35 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <97dlp3$mm9$1@newsfeed.minn.net>
Source record: 9233
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.ama

NEED A LAPTOP BATTERY FOR ZEOS
MERIDIAN 800C.. ALLOT OF PLACE SAY THEY HAVE THEM BUT END UP CALLING BACK
AND TELLING ME THE OPPOSITE..

THANKS
BILL

496. Re: Need more Serial Ports

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 17:29:25 UTC
From: "Adam T. Cately" <atcately@bright.net>
Message-ID: <3A9A9275.1EDCC572@bright.net>
Source record: 9234

I have acquired some ISA serial port cards that can be set for Com 1 to Com 8. These have jumpers on the cards to physically set the port and IRQ. These are new in the box with manual and driver disk. Some have one port - some have two ports. I'd like to sell off what I'm not using in my own machines. Reply direct if interested.

--

- Adam -

497. SkySweeper 2.2

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 20:19:26 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <iTym6.1282$a83.77210@news.kpnqwest.fi>
Source record: 9235

Hi all!

Check this out: http://www.skysweep.com/skysweep.html

SkySweeper is really cool!

-Artsi

498. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 21:24:54 UTC
From: JT <nobody@nospam.edu>
Message-ID: <97ehj6$nnk@dispatch.concentric.net>
Source record: 9236
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

"cotter pins" <thisiscream@aol.com> wrote in message
news:tZcl6.117$oX3.6293@newsread1.prod.itd.earthlink.net...
> Now let me get this straight Darryl....
>
> We now need a system of "E-QSL's" because (really) hams are
> too stinking *cheap* to spend 34 cents postage to put their QSL
> in a envelope..??
>

No, it's because the foreign QSL cards now cost so much. In order to get a QSL card from Germany, I've got to put 80 cents worth of postage on the envelope and 2 dollars inside. $2.80 for one QSL card. Yeah, I know a radio costs a thousand bucks, blah blah blah. Still, 2-3 dollars for each QSL card that I want from a DX station gets expensive. And these days, 90% of these guys have email!

JT

499. Re: WANTED LAPTOP BATTERY ZEOS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-26 22:01:55 UTC
From: "Dr. Robert Suding" <robert@qadas.com>
Message-ID: <3A9AD253.6AC57C7A@qadas.com>
Source record: 9237
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.ama

I have an old ZEOS Notebook 386 that developed dead batteries when I did not keep them on trickle charge. I carefully cut one of the 2 open and found that the batteries were standard 1700 mah cells that can be be obtained from various nicad sources and soldered together. I can sometimes restore the batteries if not hard shorted by zapping them, but zapped batteries never perform well after zapping, and must be kept on constant trickle charge as you can see from my webpage at http://www.ultimatecharger.com

Robert W0LMD

Bill N0MNB wrote:
>
> NEED A LAPTOP BATTERY FOR ZEOS
> MERIDIAN 800C.. ALLOT OF PLACE SAY THEY HAVE THEM BUT END UP CALLING BACK
> AND TELLING ME THE OPPOSITE..
>
> THANKS
> BILL

500. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 04:27:11 UTC
From: Hans K0HB <k0hb@arrl.org>
Message-ID: <3A9B2C9F.648F3406@arrl.org>
Source record: 9239
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

JT wrote:

> In order to get a QSL card from Germany, I've got to put 80 cents
> worth of postage on the envelope and 2 dollars inside. $2.80 for one
> QSL card.

Naw, just wait 3 months, and you'll get 15 cards from Germany in
your "Buro" envelope, 34cents for the whole stack. You're just too
eager to spend money.

73, Hans, K0HB

501. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 04:27:15 UTC
From: Gilbert Baron <gbaron@mailandnews.com>
Message-ID: <D0Gm6.23096$t67.380587@news1.rdc1.il.home.com>
Source record: 9238
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

"Hans K0HB" <k0hb@arrl.org> wrote in message
news:3A9B2C9F.648F3406@arrl.org...
> JT wrote:
>
> > In order to get a QSL card from Germany, I've got to put 80 cents
> > worth of postage on the envelope and 2 dollars inside. $2.80 for one
> > QSL card.
>
> Naw, just wait 3 months, and you'll get 15 cards from Germany in
> your "Buro" envelope, 34cents for the whole stack. You're just too
> eager to spend money.
>

And it takes too damn long and Germany is an easy one to work. The hard ones
WANT DEMAND more. The whole thing is a racket. EQsl Must and soon WILL
exist. If ARRL does not do it soon some will and start independent awards
that will destroy the ARRL monopoly. Yes the Dxers will have to find another
way to make money, BUT , they will save a LOT by not printing cards.

> 73, Hans, K0HB

502. WTB: Motorola HT1250 VHF w/DTMF

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 04:30:51 UTC
From: mikemost@aol.comnospam
Message-ID: <20010226233051.04098.00000328@ng-mi1.aol.com>
Source record: 9240

Hello all, I am still wondering is anybody has this model, should be in near min shape 9/10 at least on the 10 scale. You make the offer on your terms. Please e-mail me if you have one, will pay through paypal to make transaction quicker. mikemost@aol.com.

73's,
Mike
KC2GFG/SKYWARN - NJ

503. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 04:41:38 UTC
From: Bill Meacham <NOSPAMexray@coqui.net>
Message-ID: <3A9B3002.70D107C9@coqui.net>
Source record: 9241
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

```
Gilbert Baron wrote:
>
> "Hans K0HB" <k0hb@arrl.org> wrote in message
> news:3A9B2C9F.648F3406@arrl.org...
> > JT wrote:
> >
> > > In order to get a QSL card from Germany, I've got to put 80 cents
> > > worth of postage on the envelope and 2 dollars inside. $2.80 for one
> > > QSL card.
> >
> > Naw, just wait 3 months, and you'll get 15 cards from Germany in
> > your "Buro" envelope, 34cents for the whole stack. You're just too
> > eager to spend money.
> >
>
> And it takes too damn long and Germany is an easy one to work. The hard ones
> WANT DEMAND more. The whole thing is a racket. EQsl Must and soon WILL
> exist. If ARRL does not do it soon some will and start independent awards
> that will destroy the ARRL monopoly. Yes the Dxers will have to find another
> way to make money, BUT , they will save a LOT by not printing cards.
>
> > 73, Hans, K0HB

A lot of those rare dx-peditions might not wanna use a freebie
service because some of the excess 'green stamp' proceeds aid in
defraying the cost of the expedition.
-BM, WX4A
```

504. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 13:01:46 UTC
From: Gilbert Baron <gbaron@mailandnews.com>
Message-ID: <_yNm6.25366$t67.394580@news1.rdc1.il.home.com>
Source record: 9242
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

```
"Bill Meacham" <NOSPAMexray@coqui.net> wrote in message
news:3A9B3002.70D107C9@coqui.net...
> Gilbert Baron wrote:
> >
> > "Hans K0HB" <k0hb@arrl.org> wrote in message
> > news:3A9B2C9F.648F3406@arrl.org...
> > > JT wrote:
> > >
> > > > In order to get a QSL card from Germany, I've got to put 80 cents
> > > > worth of postage on the envelope and 2 dollars inside. $2.80 for one
> > > > QSL card.
> > >
> > > Naw, just wait 3 months, and you'll get 15 cards from Germany in
> > > your "Buro" envelope, 34cents for the whole stack. You're just too
> > > eager to spend money.
> > >
> >
> > And it takes too damn long and Germany is an easy one to work. The hard
ones
> > WANT DEMAND more. The whole thing is a racket. EQsl Must and soon WILL
> > exist. If ARRL does not do it soon some will and start independent
awards
> > that will destroy the ARRL monopoly. Yes the Dxers will have to find
another
> > way to make money, BUT , they will save a LOT by not printing cards.
> >
> > > 73, Hans, K0HB
>
>
> A lot of those rare dx-peditions might not wanna use a freebie
> service because some of the excess 'green stamp' proceeds aid in
> defraying the cost of the expedition.

Yes, that is true and the MAIN reason it does not exist.

> -BM, WX4A
>
```

505. Re: SkySweeper 2.2

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-27 23:15:30 UTC
From: Bob <bobbyemail@email.com>
Message-ID: <t9odbhq5jm2f5@corp.supernews.com>
Source record: 9243

So where is the, ahem, cracked version? $90 too much, free is better

"Arto Peltomaki" <artsi@estla.pp.fi> wrote in message
news:iTym6.1282$a83.77210@news.kpnqwest.fi...
> Hi all!
>
> Check this out: http://www.skysweep.com/skysweep.html
>
> SkySweeper is really cool!
>
> -Artsi
>
>
>

506. Kantronics KAM

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-28 04:50:40 UTC
From: Nathan Ciufo <nani@fuse.net>
Message-ID: <t9p0t46jnj8h7e@corp.supernews.com>
Source record: 9244

I have available a Kantronics KAM TNC to sell. It's in perfect shape and includes all manuals, cables, etc. Only thing you supply is a "wall wart" power supply. 73's, Nathan KA3MTT

507. Re: PROVEN Program-ENLARGE Your Penis (Guaranteed) 5616

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-28 13:24:46 UTC
From: ydussault@sympatico.ca
Message-ID: <3a9cfbe6.8785904@news1.on.sympatico.ca>
Source record: 9245

"Penis" ?
I never heard of that make of radio...
;-)

508. Re: PROVEN Program-ENLARGE Your Penis (Guaranteed) 5616

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-28 15:49:30 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <e69n6.6662$Ea1.530962@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9246

"Yves Dussault" <ydussault@sympatico.ca> wrote in message
news:3a9cfbe6.8785904@news1.on.sympatico.ca...
> "Penis" ?
> I never heard of that make of radio...
> ;-)

It is an antenna of course!

"enlarging" it will move it to a lower frequency.

For example, your 10/15/20 tribander could be "enlarged"
to operate on 20/30/40.

--

... Hank

http://horedson.home.att.net

509. Watkins Johnson HF 1000 for sale

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-02-28 19:43:06 UTC
From: raider@tiscalinet.it
Message-ID: <011b01c0a1be$8e41f7c0$4d0314ac@ansa.priv>
Source record: 9247
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.boatanchors,rec.radio.amateur.antenna,rec.audio.tubes,es.rec.radio.ondacorta,es.rec.radio.misc,es.rec.radio.amateur

I am selling a WJ HF 1000 HF receiver.

The receiver is in good condition and complete of suboctave preselector and operating manual.

Since i live in Rome (Italy) interested buyers are requested to pay this item upon delivery directly to a major express mail service (DHL,TNT FedEx or other) together with shipping charges.

Price is about 2500 US $

If interested contact me via email for further details.

Stefano

raider@tiscalinet.it

510. Re: Open Source Trusted E-QSL System proposal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 00:16:12 UTC
From: JT <nobody@nospam.edu>
Message-ID: <97k4cc$76l@dispatch.concentric.net>
Source record: 9248
Cross-posted to:
alt.radio.scanner.flame_fest,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.shortwave

"Gilbert Baron" <gbaron@mailandnews.com> wrote in message
news:D0Gm6.23096$t67.380587@news1.rdc1.il.home.com...
>
> "Hans K0HB" <k0hb@arrl.org> wrote in message
> news:3A9B2C9F.648F3406@arrl.org...
> > JT wrote:
> >
> > > In order to get a QSL card from Germany, I've got to put 80 cents
> > > worth of postage on the envelope and 2 dollars inside. $2.80 for
one
> > > QSL card.
> >
> > Naw, just wait 3 months, and you'll get 15 cards from Germany in
> > your "Buro" envelope, 34cents for the whole stack. You're just too
> > eager to spend money.
> >
>
>
> And it takes too damn long and Germany is an easy one to work. The
hard ones
> WANT DEMAND more. The whole thing is a racket. EQsl Must and soon WILL
> exist. If ARRL does not do it soon some will and start independent
awards
> that will destroy the ARRL monopoly. Yes the Dxers will have to find
another
> way to make money, BUT , they will save a LOT by not printing cards.
>
> > 73, Hans, K0HB
>

That's not the point. What if the German station is the QSL manager for
RW2F, or MD/DL5AXX or 3V8BB?

JT

511. Help getting started:packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 03:00:20 UTC
From: ke6zrp@aol.com
Message-ID: <20010228220020.18272.00000384@ng-fd1.aol.com>
Source record: 9249

Need help getting started with packet using a 386sx laptop, KPC3 tnc, and ht radio for portable packet station to take on my boat this summer. Have the packet working on a new computer just fine, but need to know how to run the laptop with the program. It appears that there is nothing on the hard drive at all, so it does not boot correctly. Dont' know older computers very well, but I know that I will have to run it with a DOS program only. Need info to get things started. Any help appreciated.

Mark, KE6ZRP@aol.com

512. Re: Help getting started:packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 09:04:24 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn99s44n.5jh.nomail@linux.pe1chl.ampr.org>
Source record: 9250

KE6ZRP <ke6zrp@aol.com> wrote:
>Need help getting started with packet using a 386sx laptop, KPC3 tnc, and ht
>radio for portable packet station to take on my boat this summer. Have the
>packet working on a new computer just fine, but need to know how to run the
>laptop with the program. It appears that there is nothing on the hard drive
>at all, so it does not boot correctly. Dont' know older computers very well,
>but I know that I will have to run it with a DOS program only. Need info to
>get things started. Any help appreciated.

First start asking in a group related to your laptop, DOS or Windows how
you get the thing working again. Only when it is a usable computer, start
looking at installing whatever programs, including a packet program.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

513. Want: MFJ 1270 *B* packet TNC docs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 12:10:38 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3a9e3c43@news.enetis.net>
Source record: 9051
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.packet,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.swap

```
Wanted: Documentation for MFJ 1270 *B* documentation
including schematics, component layout, etc.

Please let me know what you have available.

Thanks de john
..
```

514. Latest Flash-ROM update available for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 13:27:03 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3a9e5043_3@news1.prserv.net>
Source record: 9052

The latest flash-rom update for the PTC-II, version 3.0, is now available on the SCS website for the PTC-II.

To make the update super easy, try using Winupdate by PA0NC ... it makes the entire update process smooth as silk.

--

Roger J. Buffington, W6VZV

"Politicans everywhere are the same"
"They seek to build bridges, even where there are no rivers."

Nikita Khruschev

515. Re: Want: MFJ 1270 *B* packet TNC docs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 16:56:31 UTC
From: nielsen@remove_this.oz.net
Message-ID: <97luvv$m3o$0@216.39.171.5>
Source record: 9053
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.packet,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.swap

On Thu, 1 Mar 2001 05:10:38 -0700, John Burch wrote:
>Wanted: Documentation for MFJ 1270 *B* documentation
>including schematics, component layout, etc.
>
>Please let me know what you have available.

The TAPR TNC-2 documentation is pretty close:

ftp://tapr.org/software_lib/tnc/tncdocs.zip
ftp://tapr.org/software_lib/tnc/tnc2sch.pdf

The major differences between this and the MFJ 1270B are removal of the
MF-10 filter and the addition of a switch to go between 1200 and 300
baud.

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

516. Heathkit Site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-01 21:15:49 UTC
From: docky <docky@earthlink.net>
Message-ID: <9_yn6.5601$%4.627285@newsread1.prod.itd.earthlink.net>
Source record: 9054

Great Heathkit site,....listings of all Heathkits, not just ham radio, cross referenced to catalogs. http://www.heathkits.com ALSO lots of Heathkit ham gear pictures

517. Re: Latest Flash-ROM update available for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-02 09:30:33 UTC
From: Markus Lenggenhager <markus.lenggenhager@nospam.philips.com>
Message-ID: <97np68rdf1@porthos.nl.uu.net>
Source record: 9055

Actually it's firmware version 3.1 not 3.0. Here are the URLs:
http://www.scs-ptc.com/news.html
http://web.inter.nl.net/hcc/PA0NC/downloadpage.html

73, Markus HB9BRJ

"Duncan Idaho" <lawdog2@attglobal.net> wrote in message
news:3a9e5043_3@news1.prserv.net...
> The latest flash-rom update for the PTC-II, version 3.0, is now available
on
> the SCS website for the PTC-II.
> To make the update super easy, try using Winupdate by PA0NC ... it makes
the
> entire update process smooth as silk.

518. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-02 16:06:21 UTC
From: STEWART R TEAZE <horseshoe7@prodigy.net>
Message-ID: <97ogbq$4m3k$1@newssvr06-en0.news.prodigy.com>
Source record: 9056

Yeah, what frequency do the transverters transvert to?
"James Moore" <wu3v@home.com> wrote in message
news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> I have a set of two WA4DSY modems and the Down East Microwave
transverters.
> These are the later versions that Pac-Comm is selling and are unused.
> Original cost was 1500.00 I am looking for 900.00 OBO
>
> Jim Moore
> WU3V
> wu3v@home.com
>
>
>
>
>

519. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-02 21:23:10 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103022122440.25058-100000@exp.bde-arc.ampr.org>
Source record: 9057

10m. Duh. That's what the DSY modems inherently use. Had you ever bothered to read the specs for them, you'd know. So much for you being "in the radio business."

On Fri, 2 Mar 2001, STEWART R TEAZE wrote:
> Yeah, what frequency do the transverters transvert to?
> "James Moore" <wu3v@home.com> wrote in message
> news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> > I have a set of two WA4DSY modems and the Down East Microwave
> transverters.
> > These are the later versions that Pac-Comm is selling and are unused.
> > Original cost was 1500.00 I am looking for 900.00 OBO
> >
> > Jim Moore
> > WU3V
> > wu3v@home.com
> >
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520. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-02 23:43:59 UTC
From: Rich@iwantnospam.org
Message-ID: <slrn9a0bro.11v.Rich@zippy.aa2ys.ampr.org>
Source record: 9058

On Fri, 02 Mar 2001 21:23:10 GMT, D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>10m. Duh. That's what the DSY modems inherently use. Had you ever bothered
>to read the specs for them, you'd know. So much for you being "in the radio
>business."
>

It must be awfully embarassing to try to pick on someone, only
to discover that you've made yourself look like an idiot.

If you try reading again, you'll discover that Mr. Teaze asked
what frequencies the DEM equipment transverted *to*, not what they
transverted *from*. Which, of course, is a perfectly logical and
reasonable question to ask.

- Rich

>On Fri, 2 Mar 2001, STEWART R TEAZE wrote:
>> Yeah, what frequency do the transverters transvert to?
>> "James Moore" <wu3v@home.com> wrote in message
>> news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
>> > I have a set of two WA4DSY modems and the Down East Microwave
>> transverters.
>> > These are the later versions that Pac-Comm is selling and are unused.
>> > Original cost was 1500.00 I am looking for 900.00 OBO

--
Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum
immane mittam.

521. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-03 02:50:46 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <a_Yn6.1527$Ey1.112199@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9059

"Rich" <Rich@iwantnospam.org> wrote in message
news:slrn9a0bro.11v.Rich@zippy.aa2ys.ampr.org...
> On Fri, 02 Mar 2001 21:23:10 GMT, D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >10m. Duh. That's what the DSY modems inherently use. Had you ever
bothered
> >to read the specs for them, you'd know. So much for you being "in the radio
> >business."
> >
>
> It must be awfully embarassing to try to pick on someone, only
> to discover that you've made yourself look like an idiot.
>
> If you try reading again, you'll discover that Mr. Teaze asked
> what frequencies the DEM equipment transverted *to*, not what they
> transverted *from*. Which, of course, is a perfectly logical and
> reasonable question to ask.
>
> - Rich
>
> >On Fri, 2 Mar 2001, STEWART R TEAZE wrote:
> >> Yeah, what frequency do the transverters transvert to?
> >> "James Moore" <wu3v@home.com> wrote in message
> >> news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> >> > I have a set of two WA4DSY modems and the Down East Microwave
> >> transverters.
> >> > These are the later versions that Pac-Comm is selling and are unused.
> >> > Original cost was 1500.00 I am looking for 900.00 OBO

Well, since I'm interested in 56k, I'll ask a similar question.
On what frequency in the 220 band do these transmit?

--

... Hank

http://horedson.home.att.net

522. Re: Help getting started:packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-03 05:53:24 UTC
From: dmccord@usol.com
Message-ID: <3aa08526.19708680@news.usol.com>
Source record: 9060

You will need to install DOS on the computer, after you have done that
you will need a DOS based terminal program. I use Qmodem, its
shareware so I can email you a copy if you can't find it. I have it
running on two laptops. One here at the home QTH and one at my cabin.
Its great, I picked up my last lapop for only 80$ it is a Compaq 386
at 33 Mhz and get this, it has 36 megs of memory!

If you need detailed instructions on the DOS side email me at
dmccord@usol.com
and I will talk you through it. All re really need is a copy of DOS,
you should be able to buy one on ebay for next to nothing!

73's KA8OCN

On 01 Mar 2001 03:00:20 GMT, ke6zrp@aol.com (KE6ZRP) wrote:

>Need help getting started with packet using a 386sx laptop, KPC3 tnc, and ht
>radio for portable packet station to take on my boat this summer. Have the
>packet working on a new computer just fine, but need to know how to run the
>laptop with the program. It appears that there is nothing on the hard drive
>at all, so it does not boot correctly. Dont' know older computers very well,
>but I know that I will have to run it with a DOS program only. Need info to
>get things started. Any help appreciated.
>
>Mark, KE6ZRP@aol.com

523. Re: Heathkit Site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-03 14:46:18 UTC
From: bv2ac <bv2ac@ms1.hinet.net>
Message-ID: <97r0ac$l8d@netnews.hinet.net>
Source record: 9061

heathkit.com <> heathkits.com

"docky" <docky@earthlink.net>
news:9_yn6.5601$%4.627285@newsread1.prod.itd.earthlink.net...
> Great Heathkit site,....listings of all Heathkits, not just ham radio,
cross
> referenced to catalogs. http://www.heathkits.com ALSO lots of Heathkit
ham
> gear pictures
>
>

524. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-03 21:46:02 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103032137010.26753-100000@exp.bde-arc.ampr.org>
Source record: 9062

Since "transverting" is a TWO-WAY process, terms as "from" and "to" don't make sense without knowing which end one is starting from, which was NOT specified. Since "220" was the only thing specified, I understood this as if he wanted to know where the other end was, and that's 10m.

DEMI's web site clearly shows that 28MHz <=> 222MHz. Of course, frequencies around that will be linearly distant from both ends (the transverter is linear).

However, to complete an answer to his question, he needs to find out the exact range of the RF modem. I shall let him go to the manufacturer's web site to find that out for himself (i.e. where in 10m it uses).

On Fri, 2 Mar 2001, Rich wrote:
> On Fri, 02 Mar 2001 21:23:10 GMT, D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >10m. Duh. That's what the DSY modems inherently use. Had you ever bothered
> >to read the specs for them, you'd know. So much for you being "in the radio
> >business."
>
> It must be awfully embarassing to try to pick on someone, only
> to discover that you've made yourself look like an idiot.
>
> If you try reading again, you'll discover that Mr. Teaze asked
> what frequencies the DEM equipment transverted *to*, not what they
> transverted *from*. Which, of course, is a perfectly logical and
> reasonable question to ask.
>
> - Rich
>
> >On Fri, 2 Mar 2001, STEWART R TEAZE wrote:
> >> Yeah, what frequency do the transverters transvert to?
> >> "James Moore" <wu3v@home.com> wrote in message
> >> news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> >> > I have a set of two WA4DSY modems and the Down East Microwave
> >> transverters.
> >> > These are the later versions that Pac-Comm is selling and are unused.
> >> > Original cost was 1500.00 I am looking for 900.00 OBO

525. Re: PK-232MBX Connections

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-04 16:17:41 UTC
From: "Gary P. Fiber" <g.fiber@verizon.net>
Message-ID: <8up4atg0evvocu248f3qevkaqfrr5b52p8@4ax.com>
Source record: 9063

On Sun, 4 Mar 2001 12:57:05 +0200, "sv2ajx" <pascal@the.forthnet.gr>
wrote:

>
>Hi out there
>
>I am trying to connect the PK-232MBX with the computer but the instructions
>aren't helping me much
>
>Could anyone tell me which pins I have to use on the
>RS 232 and the 9pin serial port of the computer?
>
>The manual says to use, on the rs232, pins 1 through 8 and the pin 20 and
>few pages later have a minimum of
>3 connections
>
>Any help will be appreciated
>
>Paschalis Bountoukas
>SV2AJX
>
Use Pins 1 through 8 and 20 for programs that use host mode or
hardware control. For terminal programs like hyperterminal, procomm,
Qmodem etc the PK-232 only requires the 3 pin connections.

Gary

526. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-04 18:44:47 UTC
From: James Moore <wu3v@home.com>
Message-ID: <z2wo6.2228$2d6.371190@news1.rdc1.az.home.com>
Source record: 9064

Hi, here is the info from DEM on the trnasverters
The rf modems will allow selection of the output frequencies.

Jim WU3V

The DEM 219-29 is a 219 MHz to 29 MHz transverter designed specifically to operate with the PacComm 56kb RF modem (GRAPES Modem). Separate mixers and filters are used in the receive and transmit sections of the transverter to provide additional isolation enabling the transverter to perform the fast switching functions required by the 56kb modem. The 219-29 output power is approximately 35 watts. On receive, a GaAsFET preamplifier, a Doubly balanced mixer, and two helical filters provide a sensitive, yet over-load proof front end with superior out of band rejection. The DEM 219-29 uses solid state switching for the DC and RF controls. IF connections are via matching BNC connectors and the RF connector may be either UHF or type "N". The control and power connections are RCA connectors. The 219-29 is housed in a 7.4" x 4.7" x 2.2" aluminum die cast box with an external 7" x 4.5" x 3/4" heat sink to provide cool operation under any condition. A complete kit version is supplied with all hardware, connectors, machined enclosure and heat sink.

STEWART R TEAZE <horseshoe7@prodigy.net> wrote in message
news:97ogbq$4m3k$1@newssvr06-en0.news.prodigy.com...
> Yeah, what frequency do the transverters transvert to?
> "James Moore" <wu3v@home.com> wrote in message
> news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> > I have a set of two WA4DSY modems and the Down East Microwave
> transverters.
> > These are the later versions that Pac-Comm is selling and are unused.
> > Original cost was 1500.00 I am looking for 900.00 OBO
> >
> > Jim Moore
> > WU3V
> > wu3v@home.com
> >
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>
>

527. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-04 20:40:25 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ZKxo6.3243$Ey1.254289@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9065

Guess I've been asking the wrong question.
What frequency or frequencies do the GRAPES modems handle?
Are they freq agile such that the output freq could be adjusted
to any frequency within 219 - 225? What granularity?

To phrase it another way, would this system run on 223.100
as it stands without any changes?

--

... Hank

http://horedson.home.att.net

"James Moore" <wu3v@home.com> wrote in message
news:z2wo6.2228$2d6.371190@news1.rdc1.az.home.com...
> Hi, here is the info from DEM on the trnasverters
> The rf modems will allow selection of the output frequencies.
>
> Jim WU3V
>
> The DEM 219-29 is a 219 MHz to 29 MHz transverter designed specifically to
> operate with the PacComm 56kb RF modem (GRAPES Modem). Separate mixers and
> filters are used in the receive and transmit sections of the transverter to
> provide additional isolation enabling the transverter to perform the fast
> switching functions required by the 56kb modem. The 219-29 output power is
> approximately 35 watts. On receive, a GaAsFET preamplifier, a Doubly
> balanced mixer, and two helical filters provide a sensitive, yet over-load
> proof front end with superior out of band rejection. The DEM 219-29 uses
> solid state switching for the DC and RF controls. IF connections are via
> matching BNC connectors and the RF connector may be either UHF or type "N".
> The control and power connections are RCA connectors. The 219-29 is housed
> in a 7.4" x 4.7" x 2.2" aluminum die cast box with an external 7" x 4.5" x
> 3/4" heat sink to provide cool operation under any condition. A complete kit
> version is supplied with all hardware, connectors, machined enclosure and
> heat sink.
>
> STEWART R TEAZE <horseshoe7@prodigy.net> wrote in message
> news:97ogbq$4m3k$1@newssvr06-en0.news.prodigy.com...
> > Yeah, what frequency do the transverters transvert to?
> > "James Moore" <wu3v@home.com> wrote in message
> > news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> > > I have a set of two WA4DSY modems and the Down East Microwave
> > transverters.
> > > These are the later versions that Pac-Comm is selling and are unused.
> > > Original cost was 1500.00 I am looking for 900.00 OBO

> > >
> > > Jim Moore
> > > WU3V
> > > wu3v@home.com
> > >
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528. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-04 20:47:18 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103042045030.24655-100000@exp.bde-arc.ampr.org>
Source record: 9066

Note:
1) The PacComm 56kb modem and the WA4DSY modem aren't necessarily the
same thing. There could be differences in the version implementation. The
response below did not say that they were.
2) DEMI also makes a 28-222 transverter. My answer was based on that.
You need to find out which one the guy has.

On Sun, 4 Mar 2001, James Moore wrote:
> Hi, here is the info from DEM on the trnasverters
> The rf modems will allow selection of the output frequencies.
>
> Jim WU3V
>
> The DEM 219-29 is a 219 MHz to 29 MHz transverter designed specifically to
> operate with the PacComm 56kb RF modem (GRAPES Modem). Separate mixers and
> filters are used in the receive and transmit sections of the transverter to
> provide additional isolation enabling the transverter to perform the fast
> switching functions required by the 56kb modem. The 219-29 output power is
> approximately 35 watts. On receive, a GaAsFET preamplifier, a Doubly
> balanced mixer, and two helical filters provide a sensitive, yet over-load
> proof front end with superior out of band rejection. The DEM 219-29 uses
> solid state switching for the DC and RF controls. IF connections are via
> matching BNC connectors and the RF connector may be either UHF or type "N".
> The control and power connections are RCA connectors. The 219-29 is housed
> in a 7.4" x 4.7" x 2.2" aluminum die cast box with an external 7" x 4.5" x
> 3/4" heat sink to provide cool operation under any condition. A complete kit
> version is supplied with all hardware, connectors, machined enclosure and
> heat sink.
>
> STEWART R TEAZE <horseshoe7@prodigy.net> wrote in message
> news:97ogbq$4m3k$1@newssvr06-en0.news.prodigy.com...
> > Yeah, what frequency do the transverters transvert to?
> > "James Moore" <wu3v@home.com> wrote in message
> > news:Tlim6.3375$Ye3.892904@news1.rdc1.az.home.com...
> > > I have a set of two WA4DSY modems and the Down East Microwave
> > transverters.
> > > These are the later versions that Pac-Comm is selling and are unused.
> > > Original cost was 1500.00 I am looking for 900.00 OBO

529. Re: Help getting started:packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-05 16:22:44 UTC
From: Jim Lynch <jwl@sgi.com>
Message-ID: <3AA3BD54.630C17B3@sgi.com>
Source record: 9067

Check out SimpTerm (simptr24.zip) at
http://www.hamsnet.net/download/packet.htm.
It's free.

The latest verison is at:

ftp://ftp.qsl.net/pub/k4gvo/simptr25.zip

Delbert McCord wrote:
>
> You will need to install DOS on the computer, after you have done that
> you will need a DOS based terminal program. I use Qmodem, its
> shareware so I can email you a copy if you can't find it. I have it
> running on two laptops. One here at the home QTH and one at my cabin.
> Its great, I picked up my last lapop for only 80$ it is a Compaq 386
> at 33 Mhz and get this, it has 36 megs of memory!
>
> If you need detailed instructions on the DOS side email me at
> dmccord@usol.com
> and I will talk you through it. All re really need is a copy of DOS,
> you should be able to buy one on ebay for next to nothing!
>
> 73's KA8OCN
>
> On 01 Mar 2001 03:00:20 GMT, ke6zrp@aol.com (KE6ZRP) wrote:
>
> >Need help getting started with packet using a 386sx laptop, KPC3 tnc, and ht
> >radio for portable packet station to take on my boat this summer. Have the
> >packet working on a new computer just fine, but need to know how to run the
> >laptop with the program. It appears that there is nothing on the hard drive
> >at all, so it does not boot correctly. Dont' know older computers very well,
> >but I know that I will have to run it with a DOS program only. Need info to
> >get things started. Any help appreciated.
> >
> >Mark, KE6ZRP@aol.com

530. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-05 16:38:24 UTC
From: STEWART R TEAZE <horseshoe7@prodigy.net>
Message-ID: <980fvp$3422$1@newssvr06-en0.news.prodigy.com>
Source record: 9068

"Rich" <Rich@iwantnospam.org> wrote in message
news:slrn9a0bro.11v.Rich@zippy.aa2ys.ampr.org...
> On Fri, 02 Mar 2001 21:23:10 GMT, D. Stussy <kd6lvw@bde-arc.ampr.org>
wrote:
> >10m. Duh. That's what the DSY modems inherently use. Had you ever
bothered
> >to read the specs for them, you'd know. So much for you being "in the
radio
> >business."
> >
>
> It must be awfully embarassing to try to pick on someone, only
> to discover that you've made yourself look like an idiot.
>
> If you try reading again, you'll discover that Mr. Teaze asked
> what frequencies the DEM equipment transverted *to*, not what they
> transverted *from*. Which, of course, is a perfectly logical and
> reasonable question to ask.

I think I know the reason for the misunderstanding. My newsreader does not display all the characters from the Subject line; so the "220 transverters" part was dropped off, and there was no mention of the output band of the transverter - hence my question.

Stussy - as far as me trying to make money off of radios - all I can say is "what the hell is YOUR problem"? You did come off looking like a jerk in your response. AFAIK, I've never had any beef with you, why all of a sudden are you getting anal? I'm just gonna assume you were having a bad day.

BTW, I'm not really interested in 1.25m transverters... 70cm, maybe.

531. WANTED AY-5-8116 BAUD RATE GEN

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-05 17:55:35 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <980jtq$4pn$1@newsfeed.minn.net>
Source record: 9069
Cross-posted to: misc.forsale.computers.discussion,rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

WANTED BAUD RATE GEN AY-5-8116
ASAP

THANKS

532. RS232 parity problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-05 18:50:11 UTC
From: ie <ie@algonet.se>
Message-ID: <980n5t$21u$1@cubacola.tninet.se>
Source record: 9070

Hello all,

I have a problem with trying to control the transceiver frequencies from the radiomodem. The modem puts out RS232 in the 8-N-1 format, but the transceiver needs O-8-1, that is odd parity, an extra bit.

Does anyone know of a magic black box you can put i series with the RS232 line and add this extra bit?

Or any other solution on the problem?

Thanks in advance
please reply directly to my e-mail adress as well.

73
Ingvar/SM7DUZ

533. Looking for FC757 in the UK

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-05 21:30:54 UTC
From: gm4jnw <gm4jnw@ntlworld.com>
Message-ID: <%DTo6.13388$925.1361165@news6-win.server.ntlworld.com>
Source record: 9071

```
As above outside condition not important so long as the price is right and
it has leads for FT757gx mark1 plus it works ok.
please email: gm4jnw@ntlworld.com

thanks
```

534. WINPACK problem with Beacon

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-06 18:19:39 UTC
From: Keith <kewyatt@apexmail.com>
Message-ID: <sbaaatkbfh4ab1cd168olih1melrci87f7@N6JPA.OR.SALEM.NOAM>
Source record: 9072

I have WINPACK 6.51 when I run the beacon the beacon sends out
N0CALL instead of MYCALL. I am using it with the AGW Packet engine
and does anyone know how to solve this problem?

--
Best Regards,

Keith (Use Reply-to for email)

"Netscape had what the government would consider a monopoly in
the market for Internet browsers, until the great Satan,
Microsoft, came along." M$ attorney John Warden, 20 October 1998
---

535. Re: WINPACK problem with Beacon

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-06 18:38:44 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <bfFFJFBg3Sp6EwaX@peaksys.co.uk>
Source record: 9073

In article <sbaaatkbfh4ab1cd168olih1melrci87f7@N6JPA.OR.SALEM.NOAM>,
Keith <kewyatt@apexmail.com> writes
> I have WINPACK 6.51 when I run the beacon the beacon sends out
>N0CALL instead of MYCALL. I am using it with the AGW Packet engine
>and does anyone know how to solve this problem?

Close WinPack, edit PACKET.INI, and remove the line in the [WINPAGW]
section that says "BCALL=NOCALL".

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

536. Re: RS232 parity problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-06 20:30:42 UTC
From: Keith <kewyatt@apexmail.com>
Message-ID: <5thaatsn7n8tb5fad3lfsdh4q28h99d3tl@N6JPA.OR.SALEM.NOAM>
Source record: 9074

On Mon, 5 Mar 2001 19:50:11 +0100, ie
<980n5t$21u$1@cubacola.tninet.se> wrote:

>Does anyone know of a magic black box you can put i series with the RS232
>line and add this extra bit?

Go to the control panel and select "System"
and then select "Device Manager".
In the "ports" line click the "+" and select the COM port
you are using to access the modem. Select "Properties" and set the
"Port settings" to what you need.

HTH,

--
Best Regards,

Keith (Use Reply-to for email)

After a fire engulfed a cruise ships engine room and it sank the PAO
stated: "If you see smoke it does not necessarily mean you have to evacuate",
Judy Choo said. "It could be something else. If the chicken is burning
in the kitchen, you don't have to evacuate."
---

537. Help, TSTHWin, multiple ports.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-06 23:57:41 UTC
From: m.hopkins@no.spam.niwa.cri.nz
Message-ID: <3aa578e2.10073670@News.niwa.cri.nz>
Source record: 9075

Hi,

I would be interested in hearing from anyone who has managed to get more than one (1) port running on TSTHWin, and how you went about it.

I have been using TSTHWin v2.21a (Registered) under Windows 95 for some 18 months and have found it a great Packet Radio program, I had used TSTHost v1.43b for quite a number of years before changing to TSTHWin.

I had no trouble running multiple ports using TSTHost with TFPCX and any combination of Kiss TNC's and Baycom modems using the TSTHost.cfg file line (PARAM 0 @PO 0011230) for 4 ports, to indicate to TSTHost the port each of its channels was to use.

Unfortunately the line (PARAM 0 @PO xxxxxxx) cannot be used with TSTHWin as the PARAM command is used to set the TNC parameters and not the Port allocation.

I am using TSTHWin with a TNC in Kiss mode on Com:2 which requires Tfwin32.dll and Tfwin.ini to be in the the Windows Directory.

I have used the following settings in Tfwin.ini for Port 0 to sucessfully run one (1) TNC in Kiss mode on Com:2, ports 1 to 9 are disabled.

```
[Port 0]
Type=KISS
Options=0
Baud=9600
Com=2
Enable=1
Address=0
Init=0

[Port 1]
Type=KISS
Options=0
Baud=9600
Com=4
Enable=0
Address=0
Init=0
```

I can run TSTHWin with Port 0 or Port 1 enabled, but it will not run when both are enabled.

In the the "DRSI Interface, TFWIN32" section of the Help File it mentions that using C ZL2THM, TSTHWin will try and connect to ZL2THM using Port 0, and if you use C1:ZL2THM, TSTHWin will try and connect to ZL2THM using Port 1. Whenever I try C1:Zl2THM, or C0:ZL2THM (ZL2THM only used as an example callsign) TSTHWin responds with "unknown command".

I use a .bat file to start TSTHWin that calls Setkiss.exe to put the TNC into Kiss mode and then starts TSTHWin, and as mentioned above I can use the TNC on either Com:2 or Com:4 but not both together. Although when I alter the .bat file to put both TNC's into Kiss mode and then load TSTHWin, the TNC's are put into Kiss mode but TSTWin does not complete loading.

It would be greatly appreciated if anyone who has TSTHWin v2.21a working with two (2) or more ports would let me know how you achieved it, and if possible, send me copies of your Tfwin.ini and TSTHWin.cfg files, and any other pertinant information.

Thanking you in anticipation.

Regards

Malcolm ZL2THM

538. Re: RS232 parity problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-07 03:03:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Txhp6.6963$UN5.477605@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9077

```
"ie" <ie@algonet.se> wrote in message news:980n5t$21u$1@cubacola.tninet.se...
> Hello all,
>
> I have a problem with trying to control the transceiver frequencies from the
> radiomodem. The modem puts out RS232 in the 8-N-1 format, but the
> transceiver needs O-8-1, that is odd parity, an extra bit.
>
> Does anyone know of a magic black box you can put i series with the RS232
> line and add this extra bit?
>
> Or any other solution on the problem?
>
> Thanks in advance
> please reply directly to my e-mail adress as well.
>
> 73
> Ingvar/SM7DUZ

What model transceiver?

--

... Hank

http://horedson.home.att.net
```

539. Help On FT-920 & KamPLus

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-07 03:15:32 UTC
From: Rick Ramzy <ramzy@bright.net>
Message-ID: <_Qgp6.1645$Gp2.202908@cletus.bright.net>
Source record: 9076

Have any help oh hook up on the Kantronice Kam Plus. I have wireed up to the books and trace the wires to shure thay OK. Can You help with moor info.
Rick @ ramzy@bright.net

540. Re: PK-232MBX Connections

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-07 20:07:24 UTC
From: jdouglas@timewave.com
Message-ID: <3aa691f1.11163486@news2.minn.net>
Source record: 9078

On Sun, 4 Mar 2001 12:57:05 +0200, "sv2ajx" <pascal@the.forthnet.gr>
wrote:

>
>Hi out there
>
>I am trying to connect the PK-232MBX with the computer but the instructions
>aren't helping me much
>
>Could anyone tell me which pins I have to use on the
>RS 232 and the 9pin serial port of the computer?
>
>The manual says to use, on the rs232, pins 1 through 8 and the pin 20 and
>few pages later have a minimum of
>3 connections
>
>Any help will be appreciated
>
>Paschalis Bountoukas
>SV2AJX
>
>
Hello Paschalis,

Use the following connections:

PK232 db-25F DB-9 Signal
8.....1.....DCD
3.....2.....RxD
2.....3.....TxD
20.....4.....DTR
7.....5.....Ground
6.....6.....DSR
4.....7.....RTS
5.....8.....CTS
1 no connection Shield

vy 73

John Douglas N&#65533;ISL
Timewave Technology Inc
<http://www.timewave.com>

541. JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-07 23:18:52 UTC
From: Tom Kreiner <vze23bqu@mail.verizon.net>
Message-ID: <3AA6C1DE.519865DD@mail.verizon.net>
Source record: 9079

I'm working on a setup for our local emergency center that will involve setting up a JNOS type Packet BBS to link us to different counties around the state. We would like to take this a step further and network the JNOS computer with other computers in the office so that message can be directly addressed to the voice operating positions.

I've been going through the book titled, "NOSIntro - TCP/IP over Packet Radio" and it alludes to the fact that this sort of setup can be done. However, I'm having a hard time trying to figure out how. Does anyone have any experience with this that could help?

Tom Kreiner/AA3SC
vze23bqu@verizon.net
aa3sc@arrl.net

542. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-08 01:06:11 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103080106290.30158-100000@exp.bde-arc.ampr.org>
Source record: 9080

On Wed, 7 Mar 2001, Tom Kreiner wrote:
> I'm working on a setup for our local emergency center that will involve
> setting up a JNOS type Packet BBS to link us to different counties
> around the state. We would like to take this a step further and network
> the JNOS computer with other computers in the office so that message can
> be directly addressed to the voice operating positions.
>
> I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> Radio" and it alludes to the fact that this sort of setup can be done.
> However, I'm having a hard time trying to figure out how. Does anyone
> have any experience with this that could help?

Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.

543. KPC3+ weird characters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-08 01:45:17 UTC
From: Rick and Theresa <n6cy@earthlink.net>
Message-ID: <NuBp6.36$Ln1.4223@newsread1.prod.itd.earthlink.net>
Source record: 9081

My Kantronics KPC3+ starts every display line of received packet with a vertical bar (like the old "pipe") and a capital letter A. Is there some setting that I have messed up that causes this weird behavior?

TIA Rick N6CY

544. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-08 02:13:32 UTC
From: Dave <kd4htu@yahoo.com>
Message-ID: <gVBp6.40874$__6.9761202@typhoon.southeast.rr.com>
Source record: 9082

D. Stussy wrote:

> On Wed, 7 Mar 2001, Tom Kreiner wrote:
> > I'm working on a setup for our local emergency center that will involve
> > setting up a JNOS type Packet BBS to link us to different counties
> > around the state. We would like to take this a step further and network
> > the JNOS computer with other computers in the office so that message can
> > be directly addressed to the voice operating positions.
> >
> > I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> > Radio" and it alludes to the fact that this sort of setup can be done.
> > However, I'm having a hard time trying to figure out how. Does anyone
> > have any experience with this that could help?
>
> Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
>

Some folks just aren't ready for Linux. It is more of a bear to setup than JNOS is on any platform. However, for better help, you may want to consult the ftp site ftp://pc.usl.edu/pub/packet_drivers/ and download drivers_v9.zip. In that archive you'll find a number of drivers supporting various makes of ethernet cards and documentation on those drivers. The fun part is learning how to integrate them with JNOS. You will have to load the driver of you choice prior to loading JNOS. It can best be done from a .bat file. In your AUTOEXEC.NOS you need to ATTACH that interface and add the appropriate commands in the IFCONFIG command group. Here's a sample attach statement:
attach packet 0x60 ethr1 4096 1024 ipaddress
0x60 being the interrupt you defined in the command to load the packet driver for your NIC. ethr1 is just a name for the interface (use what you want). 4096 is the buffersize, 1024 max trans unit. ipaddress can be specified if you do not want to use the address defined by the IPADDRESS command, eg 44.192.192.1, you may want to use something like 192.168.0.x if your network uses that domain.

545. Re: KPC3+ weird characters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-08 09:17:07 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9aejgj.lug.nomail@linux.pe1chl.ampr.org>
Source record: 9083

Rick and Theresa <n6cy@earthlink.net> wrote:
>My Kantronics KPC3+ starts every display line of received packet with a
>vertical bar (like the old "pipe") and a capital letter A. Is there some
>setting that I have messed up that causes this weird behavior?

On a TNC2 this is related to "stream switching", a failed attempt to
multiplex the data of more than one connection onto a single terminal.
|A would mean that it is data from the first connection.

Look at the commands starting with "STREAM".

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

546. help about sigle

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-08 22:18:16 UTC
From: f6crp <f6crp@wanadoo.fr>
Message-ID: <98bmia$d5c$1@wanadoo.fr>
Source record: 9088

Hello all,
just a little question about digital transmission,
could you give me the official abbreviations (SSB:J3E) for the following
digital transmissions: SSTV, PSK31, RTTY, packet etc.
tnx for your help
73 Denis F6CRP

547. WA4DSY Modems?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-09 16:14:28 UTC
From: TCNET058@ysub.ysu.edu
Message-ID: <42C9E14S86.TCNET058@ysub.ysu.edu>
Source record: 9084

Hi all,
Just happened to drop in here and read some of the posts. Are folks still out there using WA4DSY modems at 56KB? I have 2 from the early part of the 90s still in use. But I had thought that packet radio except for cluster, had faded away.
Nice to know some are still out there.

73s

-Fred Sole

548. Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-09 17:40:59 UTC
From: Julian <KB9YXM@arrl.net>
Message-ID: <98b4gr$1hm$1@ousrvr3.oulu.fi>
Source record: 9085

Hello all.
I am trying to find out how I can run Packet radio with my Yaesu VX5R under Windows 2000 with a Baypac modem.
Has anyone any experience running packet while using win2k and a laptop?
Thanks in advance.
Julian
OH8/KB9YXM

549. Re: WA4DSY Modems?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-09 22:38:46 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103092238540.1056-100000@exp.bde-arc.ampr.org>
Source record: 9086

On Fri, 9 Mar 2001 TCNET058@ysub.ysu.edu wrote:
> Just happened to drop in here and read some of the posts. Are folks
> still out there using WA4DSY modems at 56KB? I have 2 from the early
> part of the 90s still in use. But I had thought that packet radio except
> for cluster, had faded away.

Obviously, you haven't heard of APRS.....

550. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-09 22:39:38 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103092239360.1056-100000@exp.bde-arc.ampr.org>
Source record: 9087

On Fri, 9 Mar 2001, Julian wrote:
> I am trying to find out how I can run Packet radio with my Yaesu VX5R under
> Windows 2000 with a Baypac modem.
> Has anyone any experience running packet while using win2k and a laptop?
> Thanks in advance.

Reformat and use Linux.

551. Hal spectra-tune SPT-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 00:51:02 UTC
From: Robert Mozeleski <moz@ncx.com>
Message-ID: <taj1pqfgiqejec@corp.supernews.com>
Source record: 9089

Hello group. I just got one of these Hal spectra-tune SPT-1 rtty indicators from ebay. The connectors are cut and i have only wires coming out for the power supply. What i need to know is how many volts the power supply should be 9? 12? and do the input connectors need mark and space inputs, line out inputs? Any help is appreciated and would gladly pay copying costs for a manual. Thanks very much. N3UVT...bob.

552. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 13:01:43 UTC
From: Gilbert Baron <gbaron@home.com>
Message-ID: <XApq6.77382$t67.1143175@news1.rdc1.il.home.com>
Source record: 9090

If the software uses direct access to the hardware (DOS required) then you can't. With WIN2000 it is IMPOSSIBLE for your own protection. Your solution is different software if available or a REAL TNC. The other choice is to set up a dual boot system. OR switch to something good like PSK31 and get sound card programs that are free and do work on WIN2000. If you must use packet then you may be out of luck without the changes I mentioned.
As for the guy that suggested LINUX, then ask him to supply the applications!

"Julian" <KB9YXM@arrl.net> wrote in message
news:98b4gr$1hm$1@ousrvr3.oulu.fi...
> Hello all.
> I am trying to find out how I can run Packet radio with my Yaesu VX5R under
> Windows 2000 with a Baypac modem.
> Has anyone any experience running packet while using win2k and a laptop?
> Thanks in advance.
> Julian
> OH8/KB9YXM
>
>

553. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 15:05:07 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <8pfkatgheq51r27kj7si0j3m1qn3qqhgoj@4ax.com>
Source record: 9091

On Sun, 04 Mar 2001 20:40:25 GMT, "Hank Oredson" <horedson@att.net> wrote:
>Guess I've been asking the wrong question.
>What frequency or frequencies do the GRAPES modems handle?
>Are they freq agile such that the output freq could be adjusted
>to any frequency within 219 - 225? What granularity?

The modem is synthesized, with 10 front panel switch selectable
frequencies in 100 kHz steps. The base frequency is programable
in EPROM to anywhere in the 10m band. Programming information
is available from Dale if you want a different base frequency than
the stock one (28.0 MHz IIRC).

For frequency agility over a greater than 1 MHz span, the easiest
solution is to switch crystals in the transverter used. For example,
our 70 cm 56 kb repeater has a 5 MHz split as is typical of repeaters
in this band. So the TR wiring in my setup switches the crystal in the
Microwave Modules transverter I use to access it. This is simple with
the MMT units because they come with two switch selectable crystal
positions. A simple diode OR connection to PTT does the trick.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

554. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 15:13:12 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <rvgkat8d85uotm1rvcel3853cgmgcprp36@4ax.com>
Source record: 9092

On Thu, 08 Mar 2001 01:06:11 GMT, "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote:
>On Wed, 7 Mar 2001, Tom Kreiner wrote:
>> I'm working on a setup for our local emergency center that will involve
>> setting up a JNOS type Packet BBS to link us to different counties
>> around the state. We would like to take this a step further and network
>> the JNOS computer with other computers in the office so that message can
>> be directly addressed to the voice operating positions.
>>
>> I've been going through the book titled, "NOSIntro - TCP/IP over Packet
>> Radio" and it alludes to the fact that this sort of setup can be done.
>> However, I'm having a hard time trying to figure out how. Does anyone
>> have any experience with this that could help?
>
>Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.

I agree. It can be done with JNOS, but it is much easier if you abandon
that kludge and just install Linux. It then becomes a routine network
configuration task using the supplied configuration tools.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

555. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 16:10:48 UTC
From: Julian <KB9YXM@arrl.net>
Message-ID: <98djjpack1@ousrvr3.oulu.fi>
Source record: 9094

Your silly answer to my question is just what I would expect from many of the "ignorant" users of linux today who fool themselves with the pro's and con's of linux. For your information. I do have Linux redhat v7 running on my 3 servers which are my mail servers file servers and web servers. All of these machines have dual boot config with windows2000 advance server as the alternate OS. The problem with Linus is it is not a mainstream OS. It has many advance features for advance networking, but as a workstation that needs to interact with many other OS's and workstations, it is worthless (like your answer).
Another thing that makes your answer so silly is that I mentioned that I am using a laptop. I can gather from your silly answer that you have never tried to configure all of the hardware on a laptop from within linux. This is something that is not easily accomplished. Some laptops from very few makers are supported under linux and rarely are all the advanced features kept when linux is installed because of a lack of support for true mobile workstations.
One word for you. "Dont teach your father how to (you figure it out)."
Next time, if you want to give a silly answer have all the facts ready so you dont seem as silly as your answers do.
73's

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103092239360.1056-100000@exp.bde-arc.ampr.org...
> On Fri, 9 Mar 2001, Julian wrote:
> > I am trying to find out how I can run Packet radio with my Yaesu VX5R
under
> > Windows 2000 with a Baypac modem.
> > Has anyone any experience running packet while using win2k and a laptop?
> > Thanks in advance.
>
> Reformat and use Linux.
>

556. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 16:14:41 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Rpsq6.3483$fw6.250060@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9093

"Gary Coffman" <ke4zv@bellsouth.net> wrote in message
news:8pfkatgheq51r27kj7si0j3m1qn3qqhgoj@4ax.com...
> On Sun, 04 Mar 2001 20:40:25 GMT, "Hank Oredson" <horedson@att.net> wrote:
> >Guess I've been asking the wrong question.
> >What frequency or frequencies do the GRAPES modems handle?
> >Are they freq agile such that the output freq could be adjusted
> >to any frequency within 219 - 225? What granularity?
>
> The modem is synthesized, with 10 front panel switch selectable
> frequencies in 100 kHz steps. The base frequency is programable
> in EPROM to anywhere in the 10m band. Programming information
> is available from Dale if you want a different base frequency than
> the stock one (28.0 MHz IIRC).
>
> For frequency agility over a greater than 1 MHz span, the easiest
> solution is to switch crystals in the transverter used. For example,
> our 70 cm 56 kb repeater has a 5 MHz split as is typical of repeaters
> in this band. So the TR wiring in my setup switches the crystal in the
> Microwave Modules transverter I use to access it. This is simple with
> the MMT units because they come with two switch selectable crystal
> positions. A simple diode OR connection to PTT does the trick.

Thanks Gary, that was helpful.

Still didn't find out if the units being sold will, as they stand,
run on 223.100 ... or what frequencies they do have.

Sounds like "any even 100 KHz within some 1 MHz portion
of the 220 band". My question was "which one".

--

... Hank

http://horedson.home.att.net

557. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 16:22:07 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Pwsq6.3496$fw6.250734@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9095

"Tom Kreiner" <vze23bqu@mail.verizon.net> wrote in message
news:3AA6C1DE.519865DD@mail.verizon.net...
> I'm working on a setup for our local emergency center that will involve
> setting up a JNOS type Packet BBS to link us to different counties
> around the state. We would like to take this a step further and network
> the JNOS computer with other computers in the office so that message can
> be directly addressed to the voice operating positions.
>
> I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> Radio" and it alludes to the fact that this sort of setup can be done.
> However, I'm having a hard time trying to figure out how. Does anyone
> have any experience with this that could help?

Pretty much all of the *NOS variants can do this.
Some will run in a DOS box in windows.
Most run best on a machine running DOS.
Some run on Linux.
You might check my web site and poke the w0rli link.
There is some online documentation that may be useful.

The type of setup you are looking at is pretty much the usual
way of running NOS: as a link between the standard tcp/ip
protocols, and the packet BBS network. The simplest setup
involves a dedicated DOS machine (junker 486 will do) to
run the *NOS routing / gateway / mail server code. Then you
run any BBS you like (e.g. FBB) for the BBS users. The
tcp/ip users are handled by the *NOS machine. This way
you get the best of both worlds: users can choose which
way they want to interface to the system, the sysop can
choose the optimum way to transfer messages around
the system (BBS forwarding or smtp/nntp).

--

... Hank

http://horedson.home.att.net

558. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 16:26:26 UTC
From: Al Woodhull <aswNS@helios.hampshire.edu>
Message-ID: <3aaa6185.0@news.hampshire.edu>
Source record: 9096

On Fri, 9 Mar 2001 19:40:59 +0200 Julian <KB9YXM@arrl.net> wrote in
rec.radio.amateur.digital.misc:

: I am trying to find out how I can run Packet radio with my Yaesu VX5R under
: Windows 2000 with a Baypac modem.

As others have pointed out, W2K won't support programs that must directly
access the hardware. Your best bet might be to boot to DOS or Win9*. For
DOS you might be able to put everything you need on a floppy. For Windows
you would need to make a second partition and set up a dual boot system.
If your entire hard disk is now devoted to W2K there is a free program
called FIPS which you can use to divide an exisiting partition -- I have
used it with NT 4.0, and it should also work with W2K. Partition Magic
could also be used.

I have set up dual-boot W2K + W98 and W2K + Linux systems where I work, it
is not hard to do.

73,
Al N1AW

+----------------------------------+
| Albert S. Woodhull |
| Hampshire College, Amherst, MA |
| awoodhull@hampshire.edu |
| http://minix1.hampshire.edu/asw/ |
+----------------------------------+
94.3% of all statistics are made up on the spot

559. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 16:27:39 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <%Bsq6.3507$fw6.251043@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9097

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103080106290.30158-100000@exp.bde-arc.ampr.org...
> On Wed, 7 Mar 2001, Tom Kreiner wrote:
> > I'm working on a setup for our local emergency center that will involve
> > setting up a JNOS type Packet BBS to link us to different counties
> > around the state. We would like to take this a step further and network
> > the JNOS computer with other computers in the office so that message can
> > be directly addressed to the voice operating positions.
> >
> > I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> > Radio" and it alludes to the fact that this sort of setup can be done.
> > However, I'm having a hard time trying to figure out how. Does anyone
> > have any experience with this that could help?
>
> Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.

Nonesense. He is looking for something that can be easily used
by hams that are not much interested in the technical details of
how things work. They probably know a little bit about windows,
and perhaps a bit about DOS. They may even have MACs.

The only thing Linux adds to the mix is a need for someone to
install and maintain the Linux systems. Lot of ongoing work,
and total overkill for the task at hand.

We are in the process of evaluating a similar setup here, for the
Red Cross. Linux was mentioned once, and it never came up again
as a viable solution. Various *NOS + FBB appeared to be best.
Long haul HF forwarding was one requirement, since some big
open spaces need to be covered here in the Pacific NW.
WinLink or SNOS look like the only viable solutions for the
long haul links.

--

... Hank

http://horedson.home.att.net

560. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 17:10:13 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9aknvl.etp.nomail@linux.pe1chl.ampr.org>
Source record: 9098

Hank Oredson <horedson@att.net> wrote:

>The only thing Linux adds to the mix is a need for someone to
>install and maintain the Linux systems. Lot of ongoing work,
>and total overkill for the task at hand.

>We are in the process of evaluating a similar setup here, for the
>Red Cross. Linux was mentioned once, and it never came up again
>as a viable solution. Various *NOS + FBB appeared to be best.
>Long haul HF forwarding was one requirement, since some big
>open spaces need to be covered here in the Pacific NW.
>WinLink or SNOS look like the only viable solutions for the
>long haul links.

Apparently you have looked at Linux five years ago and are still using
your experience as a reference. Too bad.

Things have changed in the Linux world. Installation and maintenance
has become easier. Things have also changed in the real world. DOS
solutions are no longer considered viable by most people.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

561. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 17:58:22 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <2Xtq6.3671$fw6.259844@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9099

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9aknvl.etp.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >The only thing Linux adds to the mix is a need for someone to
> >install and maintain the Linux systems. Lot of ongoing work,
> >and total overkill for the task at hand.
>
> >We are in the process of evaluating a similar setup here, for the
> >Red Cross. Linux was mentioned once, and it never came up again
> >as a viable solution. Various *NOS + FBB appeared to be best.
> >Long haul HF forwarding was one requirement, since some big
> >open spaces need to be covered here in the Pacific NW.
> >WinLink or SNOS look like the only viable solutions for the
> >long haul links.
>
> Apparently you have looked at Linux five years ago and are still using
> your experience as a reference. Too bad.

Nonesense. I look at it every few months in hopes something
useful to folks not "interested in the guts of OS" could use.
Not much there yet. Getting better though. Maybe 3 or 4 more years.

> Things have changed in the Linux world. Installation and maintenance
> has become easier. Things have also changed in the real world. DOS
> solutions are no longer considered viable by most people.

The issue at question though is a bit different. Machines running
Windows and DOS are already available, and the folks who
will use them already know how. The applications are available.
Those applications work, and have a history of proven stability.

Do the ham radio applications for Linux support PTC-II and HAL
controllers? I've never seen any Linux system using CLOVER yet,
and have not heard of any using PACTOR-II. If they do exist, give
me some calls and scan freqs and will check them out.

--

... Hank

http://horedson.home.att.net

562. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 18:48:22 UTC
From: Gilbert Baron <gbaron@home.com>
Message-ID: <WFuq6.79004$t67.1159104@news1.rdc1.il.home.com>
Source record: 9100

I hope you don't refer to my silly answer. I put Linux down further than you did and agree wit everything you say here.

"Julian" <KB9YXM@arrl.net> wrote in message news:98djjpack1@ousrvr3.oulu.fi...
> Your silly answer to my question is just what I would expect from many of
> the "ignorant" users of linux today who fool themselves with the pro's and
> con's of linux. For your information. I do have Linux redhat v7 running on
> my 3 servers which are my mail servers file servers and web servers. All of
> these machines have dual boot config with windows2000 advance server as the
> alternate OS. The problem with Linus is it is not a mainstream OS. It has
> many advance features for advance networking, but as a workstation that
> needs to interact with many other OS's and workstations, it is worthless
> (like your answer).
> Another thing that makes your answer so silly is that I mentioned that I am
> using a laptop. I can gather from your silly answer that you have never
> tried to configure all of the hardware on a laptop from within linux. This
> is something that is not easily accomplished. Some laptops from very few
> makers are supported under linux and rarely are all the advanced features
> kept when linux is installed because of a lack of support for true mobile
> workstations.
> One word for you. "Dont teach your father how to (you figure it out)."
> Next time, if you want to give a silly answer have all the facts ready so
> you dont seem as silly as your answers do.
> 73's
>
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103092239360.1056-100000@exp.bde-arc.ampr.org...
> > On Fri, 9 Mar 2001, Julian wrote:
> > > I am trying to find out how I can run Packet radio with my Yaesu VX5R under
> > > Windows 2000 with a Baypac modem.
> > > Has anyone any experience running packet while using win2k and a laptop?
> > > Thanks in advance.
> >
> > Reformat and use Linux.
> >
>
>

563. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 19:32:38 UTC
From: Julian <KB9YXM@arrl.net>
Message-ID: <98dve7$g84$1@ousrvr3.oulu.fi>
Source record: 9151

Sorry I didnt mena you. I should have been more specific. I meant our good friend Mr Stussy and his linux comments.
Thanks agian for your reply. I am looking for a "real" micro tnc now that I can mount to the back of my laptop, size is almost a critical as the OS.
Ok, Thanks again.
Julian...
"Gilbert Baron" <gbaron@home.com> wrote in message news:WFuq6.79004$t67.1159104@news1.rdc1.il.home.com...
> I hope you don't refer to my silly answer. I put Linux down further than you
> did and agree wit everything you say here.
>
> "Julian" <KB9YXM@arrl.net> wrote in message
> news:98djjpack1@ousrvr3.oulu.fi...
> > Your silly answer to my question is just what I would expect from many of
> > the "ignorant" users of linux today who fool themselves with the pro's and
> > con's of linux. For your information. I do have Linux redhat v7 running on
> > my 3 servers which are my mail servers file servers and web servers. All
> of
> > these machines have dual boot config with windows2000 advance server as
> the
> > alternate OS. The problem with Linus is it is not a mainstream OS. It has
> > many advance features for advance networking, but as a workstation that
> > needs to interact with many other OS's and workstations, it is worthless
> > (like your answer).
> > Another thing that makes your answer so silly is that I mentioned that I
> am
> > using a laptop. I can gather from your silly answer that you have never
> > tried to configure all of the hardware on a laptop from within linux. This
> > is something that is not easily accomplished. Some laptops from very few
> > makers are supported under linux and rarely are all the advanced features
> > kept when linux is installed because of a lack of support for true mobile
> > workstations.
> > One word for you. "Dont teach your father how to (you figure it out)."
> > Next time, if you want to give a silly answer have all the facts ready so
> > you dont seem as silly as your answers do.

> > 73's
> >
> > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > news:Pine.LNX.4.10.10103092239360.1056-100000@exp.bde-arc.ampr.org...
> > > On Fri, 9 Mar 2001, Julian wrote:
> > > > I am trying to find out how I can run Packet radio with my Yaesu
VX5R
> > under
> > > > > Windows 2000 with a Baypac modem.
> > > > > Has anyone any experience running packet while using win2k and a
> laptop?
> > > > > Thanks in advance.
> > > >
> > > > Reformat and use Linux.
> > > >
> > >
> > >
> >
>

564. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 19:33:29 UTC
From: Julian <KB9YXM@arrl.net>
Message-ID: <98dvfq$g9h$1@ousrvr3.oulu.fi>
Source record: 9152

Yeah, that might be the best bet.
Thanks
"Al Woodhull" <aswNS@helios.hampshire.edu> wrote in message
news:3aaa6185.0@news.hampshire.edu...
> On Fri, 9 Mar 2001 19:40:59 +0200 Julian <KB9YXM@arrl.net> wrote in
> rec.radio.amateur.digital.misc:
>
> : I am trying to find out how I can run Packet radio with my Yaesu VX5R
under
> : Windows 2000 with a Baypac modem.
>
> As others have pointed out, W2K won't support programs that must directly
> access the hardware. Your best bet might be to boot to DOS or Win9*. For
> DOS you might be able to put everything you need on a floppy. For Windows
> you would need to make a second partition and set up a dual boot system.
> If your entire hard disk is now devoted to W2K there is a free program
> called FIPS which you can use to divide an exisiting partition -- I have
> used it with NT 4.0, and it should also work with W2K. Partition Magic
> could also be used.
>
> I have set up dual-boot W2K + W98 and W2K + Linux systems where I work, it
> is not hard to do.
>
> 73,
> Al N1AW
>
> +----------------------------------+
> | Albert S. Woodhull |
> | Hampshire College, Amherst, MA |
> | awoodhull@hampshire.edu |
> | http://minix1.hampshire.edu/asw/ |
> +----------------------------------+
> 94.3% of all statistics are made up on the spot

565. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-10 22:51:56 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3AAAB00C.D0262905@animats.net>
Source record: 9179

Hank Oredson wrote:

> Do the ham radio applications for Linux support PTC-II and HAL
> controllers? I've never seen any Linux system using CLOVER yet,
> and have not heard of any using PACTOR-II. If they do exist, give
> me some calls and scan freqs and will check them out.

FBB for Linux naturally supports the PCI-II. Any of the Linux software that supports WA8DED type host-mode also does implicitly. I'm in the process
of developing some Linux-based gateway software that will integrate (as best as possible) the PTC-II into the existing Linux ham application space.

Terry

--
Radio Free Penguin: http://radio.linux.org.au/

566. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 00:42:55 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103110039050.2957-100000@exp.bde-arc.ampr.org>
Source record: 9153

On Sat, 10 Mar 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103080106290.30158-100000@exp.bde-arc.ampr.org...
> > On Wed, 7 Mar 2001, Tom Kreiner wrote:
> > > I'm working on a setup for our local emergency center that will involve
> > > setting up a JNOS type Packet BBS to link us to different counties
> > > around the state. We would like to take this a step further and network
> > > the JNOS computer with other computers in the office so that message can
> > > be directly addressed to the voice operating positions.
> > >
> > > I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> > > Radio" and it alludes to the fact that this sort of setup can be done.
> > > However, I'm having a hard time trying to figure out how. Does anyone
> > > have any experience with this that could help?
> >
> > Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
>
> Nonesense. He is looking for something that can be easily used
> by hams that are not much interested in the technical details of
> how things work. They probably know a little bit about windows,
> and perhaps a bit about DOS. They may even have MACs.
>
> The only thing Linux adds to the mix is a need for someone to
> install and maintain the Linux systems. Lot of ongoing work,
> and total overkill for the task at hand.

And Windows doesn't need maintenance? Considering that Linux installs
flawlessly, yet I've seen the "BSOD" (blue screen of death) come up during the
INSTALLATION of Windows '95 23 times on the same machine during the same
installation process, I stand by my statement.

Considering all the obscure commands and such, installing Linux's AX.25 support
isn't more difficult than installing the equivalent into the autoexec script
for any version of NOS. However, try adding external programs to NOS.....

> We are in the process of evaluating a similar setup here, for the
> Red Cross. Linux was mentioned once, and it never came up again
> as a viable solution. Various *NOS + FBB appeared to be best.
> Long haul HF forwarding was one requirement, since some big
> open spaces need to be covered here in the Pacific NW.
> WinLink or SNOS look like the only viable solutions for the
> long haul links.

567. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 00:45:04 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103110044430.2957-100000@exp.bde-arc.ampr.org>
Source record: 9154

On Sat, 10 Mar 2001, Hank Oredson wrote:
> Do the ham radio applications for Linux support PTC-II and HAL
> controllers? I've never seen any Linux system using CLOVER yet,
> and have not heard of any using PACTOR-II. If they do exist, give
> me some calls and scan freqs and will check them out.

Why do we need to run that exotic hardware, when we can run normal hardware under Linux and make it do exotic things! ;-)

568. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 01:15:48 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <8lAq6.4268$fw6.299940@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9155

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103110044430.2957-100000@exp.bde-arc.ampr.org...
> On Sat, 10 Mar 2001, Hank Oredson wrote:
> > Do the ham radio applications for Linux support PTC-II and HAL
> > controllers? I've never seen any Linux system using CLOVER yet,
> > and have not heard of any using PACTOR-II. If they do exist, give
> > me some calls and scan freqs and will check them out.
>
> Why do we need to run that exotic hardware, when we can run normal hardware
> under Linux and make it do exotic things! ;-)

What frequencies and modes on HF?
Show me Linux doing "exotic things" on long haul HF paths.

--

... Hank

http://horedson.home.att.net

569. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 01:19:36 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <IoAq6.4271$fw6.297761@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9156

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103110039050.2957-100000@exp.bde-arc.ampr.org...
> On Sat, 10 Mar 2001, Hank Oredson wrote:
> > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > news:Pine.LNX.4.10.10103080106290.30158-100000@exp.bde-arc.ampr.org...
> > > On Wed, 7 Mar 2001, Tom Kreiner wrote:
> > > > I'm working on a setup for our local emergency center that will involve
> > > > setting up a JNOS type Packet BBS to link us to different counties
> > > > around the state. We would like to take this a step further and network
> > > > the JNOS computer with other computers in the office so that message
can
> > > > be directly addressed to the voice operating positions.
> > > >
> > > > I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> > > > Radio" and it alludes to the fact that this sort of setup can be done.
> > > > However, I'm having a hard time trying to figure out how. Does anyone
> > > > have any experience with this that could help?
> > >
> > > Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
> >
> > Nonesense. He is looking for something that can be easily used
> > by hams that are not much interested in the technical details of
> > how things work. They probably know a little bit about windows,
> > and perhaps a bit about DOS. They may even have MACs.
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> > The only thing Linux adds to the mix is a need for someone to
> > install and maintain the Linux systems. Lot of ongoing work,
> > and total overkill for the task at hand.
>
> And Windows doesn't need maintenance? Considering that Linux installs
> flawlessly, yet I've seen the "BSOD" (blue screen of death) come up during
the
> INSTALLATION of Windows '95 23 times on the same machine during the same
> installation process, I stand by my statement.

I'm sorry you have such trouble understanding the simple and obvious
installation of the most popular operating system. Most people, even
those with no technical training, handle it with ease. Heck, even my
mother (age 86, never owned a computer before) managed it without
any problems. But then she is pretty bright, and knows how to read.

> Considering all the obscure commands and such, installing Linux's AX.25
support
> isn't more difficult than installing the equivalent into the autoexec script
> for any version of NOS. However, try adding external programs to NOS.....

One more time: tell me about Linux support for PACTOR-II and CLOVER.

> > We are in the process of evaluating a similar setup here, for the
> > Red Cross. Linux was mentioned once, and it never came up again
> > as a viable solution. Various *NOS + FBB appeared to be best.
> > Long haul HF forwarding was one requirement, since some big
> > open spaces need to be covered here in the Pacific NW.
> > WinLink or SNOS look like the only viable solutions for the
> > long haul links.

--

... Hank

http://horedson.home.att.net

570. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 02:44:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103110230520.3129-100000@exp.bde-arc.ampr.org>
Source record: 9157

```
On Sun, 11 Mar 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103110039050.2957-100000@exp.bde-arc.ampr.org...
> > On Sat, 10 Mar 2001, Hank Oredson wrote:
> > > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > > news:Pine.LNX.4.10.10103080106290.30158-100000@exp.bde-arc.ampr.org...
> > > > On Wed, 7 Mar 2001, Tom Kreiner wrote:
> > > > > I'm working on a setup for our local emergency center that will involve
> > > > > setting up a JNOS type Packet BBS to link us to different counties
> > > > > around the state. We would like to take this a step further and network
> > > > > the JNOS computer with other computers in the office so that message
> can
> > > > > be directly addressed to the voice operating positions.
> > > > >
> > > > > I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> > > > > Radio" and it alludes to the fact that this sort of setup can be done.
> > > > > However, I'm having a hard time trying to figure out how. Does anyone
> > > > > have any experience with this that could help?
> > > >
> > > > Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
> > >
> > > Nonesense. He is looking for something that can be easily used
> > > by hams that are not much interested in the technical details of
> > > how things work. They probably know a little bit about windows,
> > > and perhaps a bit about DOS. They may even have MACs.
> > >
> > > The only thing Linux adds to the mix is a need for someone to
> > > install and maintain the Linux systems. Lot of ongoing work,
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> > And Windows doesn't need maintenance? Considering that Linux installs
> > flawlessly, yet I've seen the "BSOD" (blue screen of death) come up during
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> > INSTALLATION of Windows '95 23 times on the same machine during the same
> > installation process, I stand by my statement.
>
> I'm sorry you have such trouble understanding the simple and obvious
> installation of the most popular operating system. Most people, even
> those with no technical training, handle it with ease. Heck, even my
> mother (age 86, never owned a computer before) managed it without
> any problems. But then she is pretty bright, and knows how to read.

I've had no problems whatsoever installing Linux at all. Oh, you mean Windows!
I've had other machines install Windows without problems. It's NOT a matter of
```

my understanding - it's a matter of bugs, defects, and the lack of Microsoft to program around and expect that a machine may not be their perfect model of a PC. I've also had machines lock up during the hardware detection phase.

Additionally, Windows is not a fault-tolerant OS. One little problem and sometimes it means REINSTALL. Linux, like all UNIXes, is fault tolerant. How many times to you have to reboot with Windows during installation of [any] software? Linux, except for kernel upgrades, never needs to reboot. Additionally, except for an occasional cleaning of the system logs, the only "maintenance" a Linux system needs is usually software upgrades. You make it out to be some obscure OS. It isn't. Unix, of which Linux is merely a variant, has been around since 1972. Ever wonder why it's still here, yet Windows needs to be changed about every other year....?

> > Considering all the obscure commands and such, installing Linux's AX.25
> support
> > isn't more difficult than installing the equivalent into the autoexec script
> > for any version of NOS. However, try adding external programs to NOS.....
>
> One more time: tell me about Linux support for PACTOR-II and CLOVER.

Tell me what hardware those modes use (chipset, etc.) and I'll tell you if it's currently suppported. Generally, drivers are the responsibility of the manufacturer. Can you run those modes on a Mac? You see, shortsightedness of the manufacturer is the problem; not the OS platform.

Linux supports regular TNC's, the defective Baycoms, and even AX.25 emulation over ethernet (BPQ mode too). Try running a Baycom TNC on a Mac?

571. RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 04:59:37 UTC
From: DL <phochief@adelphia.net>
Message-ID: <98f0mn$14dm$1@news.gate.net>
Source record: 9159

Ok, I'm new to RTTY.....with that said.....

I'm using PKterm99 software to my AEA PK-232mbx tnc and to my Icom 756pro using an MFJ microphone/tnc switch. I'd like to use the 756pro's RTTY mode which seems to copy RTTY better than when I just use the LSB mode. But when using RTTY mode when I switch to transmit I'm only putting out a solid carrier with no modulated RTTY signal. What the heck am I doing wrong? If I switch to LSB mode, I can both receive and transmit RTTY but I'd prefer using the 756pro's RTTY mode. I even tried connecting the FSK output on the pk-232 to the ACC1 FSK on the Icom but no difference. Why am I only transmitting a carrier when I hit Send in the 756pro's RTTY mode? Any advice for this digitally-challenged ham would be appreciated.

Thanks,
David,K4ZZR

572. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 05:09:08 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ULDq6.3977$Rb.309472@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9158

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103110230520.3129-100000@exp.bde-arc.ampr.org...
> On Sun, 11 Mar 2001, Hank Oredson wrote:

> > One more time: tell me about Linux support for PACTOR-II and CLOVER.

> Tell me what hardware those modes use (chipset, etc.) and I'll tell you if
it's
> currently suppported. Generally, drivers are the responsibility of the
> manufacturer. Can you run those modes on a Mac? You see, shortsightedness
of
> the manufacturer is the problem; not the OS platform.

You really don't know much about digital radio I guess.

Here are some free clues (most hams can ignore the following,
you probably know all about these modes).

The hardware are ... ready for this? ... CLOVER controllers and
PACTOR-II controllers! They connect to ... um ... something called
an "RS-232C serial port" ... many computers have those! Programs
called "applications" send commands and data to the controllers,
causing them to send that data, and to receive data, across radio links.

That data might just happen to be (just as one silly example) messages
or bulletins that could (if one wanted to) be moved to and from messaging
systems such as the ham radio BBS network, or the internet, or any other
messaging system of your choice. They have been used for this purpose
over ham radio for many many years. There are other controllers that
handle other protocols, I'll mention them later.

> Linux supports regular TNC's, the defective Baycoms, and even AX.25 emulation
> over ethernet (BPQ mode too). Try running a Baycom TNC on a Mac?

If that is all it supports, it is useless for the desired application.

How about plain ordinary RTTY? PACTOR-I? PSK31?
Are there Linux applications that support those modes?
There are such applications for Windows, and, with the exception of
PSK31, also for DOS and for CP/M and for (name your favorite
operating system but forget VM and ISIS and QNX e.g.).
B1FF can even use his old C-20 if he wants to!

And that is the main problem with Linux. It may well be a nice OS
for running internet servers (but was never my choice: Solaris and
HP-UX are much more stable and have much better support), but
the applications and support are just are not there yet for Linux.

My point, of course, is that for support of emergency communications,
one wants to make use of all the things that hams can do. The OS of
choice is the one that provides the maximum number of options.
It ain't Linux.

--

... Hank

http://horedson.home.att.net

573. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 07:09:54 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103110701450.3680-100000@exp.bde-arc.ampr.org>
Source record: 9160

On Sun, 11 Mar 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103110230520.3129-100000@exp.bde-arc.ampr.org...
> > On Sun, 11 Mar 2001, Hank Oredson wrote:
>
> > > One more time: tell me about Linux support for PACTOR-II and CLOVER.
>
> > Tell me what hardware those modes use (chipset, etc.) and I'll tell you if
> it's
> > currently suppported. Generally, drivers are the responsibility of the
> > manufacturer. Can you run those modes on a Mac? You see, shortsightedness
> of
> > the manufacturer is the problem; not the OS platform.
>
> You really don't know much about digital radio I guess.
>
> Here are some free clues (most hams can ignore the following,
> you probably know all about these modes).
>
> The hardware are ... ready for this? ... CLOVER controllers and
> PACTOR-II controllers! They connect to ... um ... something called
> an "RS-232C serial port" ... many computers have those! Programs
> called "applications" send commands and data to the controllers,
> causing them to send that data, and to receive data, across radio links.

What I have seen for those is things like that custom HAL-9000 board. There is
no RS-232 port on there.

However, if you're talking about a regular TNC (such as an upgraded PK-232)
that supports the mode in hardware, Linux can easily support it. The TNC is
responsible for firmware level conversions (i.e. level 1) from KISS mode, and
Linux supports KISS mode.

> That data might just happen to be (just as one silly example) messages
> or bulletins that could (if one wanted to) be moved to and from messaging
> systems such as the ham radio BBS network, or the internet, or any other
> messaging system of your choice. They have been used for this purpose
> over ham radio for many many years. There are other controllers that
> handle other protocols, I'll mention them later.
>
> > Linux supports regular TNC's, the defective Baycoms, and even AX.25 emulation
> > over ethernet (BPQ mode too). Try running a Baycom TNC on a Mac?
>
> If that is all it supports, it is useless for the desired application.

I in no way said that the above was wholly inclusive of all it supported. In fact, I have made no claim whatsoever to what it doesn't support. Your continuing obsession to read things into what I have said or omitted shows the light of your true nature.

> How about plain ordinary RTTY? PACTOR-I? PSK31?
> Are there Linux applications that support those modes?
> There are such applications for Windows, and, with the exception of
> PSK31, also for DOS and for CP/M and for (name your favorite
> operating system but forget VM and ISIS and QNX e.g.).
> B1FF can even use his old C-20 if he wants to!
>
> And that is the main problem with Linux. It may well be a nice OS
> for running internet servers (but was never my choice: Solaris and
> HP-UX are much more stable and have much better support), but
> the applications and support are just are not there yet for Linux.
>
> My point, of course, is that for support of emergency communications,
> one wants to make use of all the things that hams can do. The OS of
> choice is the one that provides the maximum number of options.
> It ain't Linux.

And with the records of bugs, crashes, and such, it certainly is NOT any Microsoft product either.

574. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 07:53:14 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <2d5matg8qvfdkko4bng9stv6cdb2h2ejjp@4ax.com>
Source record: 9161

On Sun, 11 Mar 2001 00:45:04 GMT, "D. Stussy"
<kd6lvw@bde-arc.ampr.org> wrote:

>Why do we need to run that exotic hardware, when we can run normal hardware
>under Linux and make it do exotic things! ;-)

So Linux supports a kernel mode driver that uses the standard sound
card and implements Clover and Pactor II protocol ???

575. Newbie, want to use SSB for email

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 09:41:01 UTC
From: Daniel Carollo <danielc@NO_SPAM_PLEASE_computing-tech.com>
Message-ID: <98fh7fgbq1@ctb-nnrp2.saix.net>
Source record: 9162
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.shortwave,sanet.radio.packet,uk.radio.amateur

Good Morning!

I am not sure this question is going to make sense, I probably lack the basics to ask the right questions, but hopefully I'll pick up what I need over the next few months.

I am planning on going on a 2 months sailing trip. I'd like to stay in touch (email) during that period, if not daily, at least more often than the frequency of Internet Cafes. We'll be sailing in the Indian Ocean, mostly around Madagascar, so the chances of finding a connection around there are quite low.

So, the owner of the yatch I'm sailing on said there's a gizmo that should be added to his SSB radio to get Internet. I know his understanding of the technology is very sketchy, and I understand basic principles, however, I don't have a practical experience of what's allowed and what's not in SSB. I can setup a slip connection, and I guess that's probably what's going to be needed. I'm pretty sure I could even get uucp going, if I had to. What I'm missing are really the bits between the SSB radio output (do we need something other than the audio output?, any specific requirements for the radio set?) and the computer.
Then, there's the ISP fees. If such a link is feasable, what's on the other side? Would we have to set-up a terrestrial station on _this_ side, connected to the Internet or is there a public ISP service available on SSB?

Thanks for any help, you're welcome to send me email if you think it would help, just remember to remove the "nospam".

I set the FU to rec.radio.shortwave, feel free to indicate a more appropriate ng for this discussion.

Regards.

Daniel :-)

576. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 10:56:12 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ammec.etp.nomail@linux.pe1chl.ampr.org>
Source record: 9163

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>I in no way said that the above was wholly inclusive of all it supported. In
>fact, I have made no claim whatsoever to what it doesn't support. Your
>continuing obsession to read things into what I have said or omitted shows the
>light of your true nature.

Hank's likes to stress that Linux does not (in his view) the protocols that
he (in his view) needs. But instead of rectifying that situation he
continues to develop his software for DOS, and than claims that DOS is the
only usable platform for the decades to come.

Of course his grandma (who can read) could have installed Linux on her
computer just as easily, and could have done it for his group of people
that are now going to use DOS (and apparently cannot read).

And Hank could have ported that application he so desparately needs to
Linux. When it is now running on DOS, that should not be too tough.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

577. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 11:58:31 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <iKJq6.137$VG2.928@newsfeed.slurp.net>
Source record: 9164

Using the 756PRO's RTTY keying input on the ACC(1) connector is the way you want to do it. The PRO must be in the RTTY mode. The PK232 FSK outputs a DC voltage level into the PRO's RTTY keying input, normally >2.4V for mark and <0.6V for space. I don't recall if the PK232 always outputs the FSK signal or if there is a parameter that must be set to use it.

When you say that you are outputting only carrier with no modulated RTTY signal that would mean that the PK232 FSK output is not controlling the PRO's FSK input. How are you verifying that you do not have any shift (another receiver)? FSK will be a steady carrier which is shifted in frequency in step with the mark/space input signal.

578. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 12:39:45 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <enrf89.ob5.ln@news.freeserve.net>
Source record: 9166

D. Stussy wrote:

> On Wed, 7 Mar 2001, Tom Kreiner wrote:
>> I'm working on a setup for our local emergency center that will involve
>> setting up a JNOS type Packet BBS to link us to different counties
>> around the state. We would like to take this a step further and network
>> the JNOS computer with other computers in the office so that message can
>> be directly addressed to the voice operating positions.
>>
>> I've been going through the book titled, "NOSIntro - TCP/IP over Packet
>> Radio" and it alludes to the fact that this sort of setup can be done.
>> However, I'm having a hard time trying to figure out how. Does anyone
>> have any experience with this that could help?
>
> Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.

Better still, use JNOS under Linux where it compiles very nicely (thank you) and runs reliably. My system was quite happy for the 4 weeks I was on holiday last month where is shifted over 350megs of data over 8 radio ports, imported several thousand bulletins and provided the radio interface to HTPP convers, bind DNS and Apache web server.

But beware - use JNOS for the tasks it was designed for - not the 'extras' such as convers and web server that have been added in more recent years and have 'bloated' the code base somewhat. For being able to adapt the TCP/IP timers and retry algorithms to a noisy radio environment and as a AX25 to nntp/smtp gateway it is excellent. It also provides a BBS front end for those AX25 users who haven't yet 'discovered' the fun of TCP/IP and the fact that you can use your favourite GUI behind it.

BTW: my favourite GUI is KDE and having just upgraded to version 2.1 I can say its excellent!!

--
Robin

Internet: g8ecj@abmdata.demon.co.uk http://www.gb7ipd.freeserve.co.uk/
Anorak mode = Shack: (+44) 1628 533311 Fax: (+44) 1628 850165
Club pages (g4xyw modem etc) at http://www.tvipug.org

579. How to actually setup ...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 12:43:59 UTC
From: mrhuey@worldnet.att.net
Message-ID: <ZYhq6oJPM+UK090yn@worldnet.att.net>
Source record: 9165

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Hi all, and the question is, how the heck do you set up an
actual working packet BBS and get it to communicate with the
outside world?

With that said, I've done my browsing, read up on the various
packages, W0RLI, TNOS, FLEX, NOS, THE NET, etc and yet the one
thing I haven't really found is a good, down to earth, step-
through installation/set up guide, explaining what to do, why
you do it and testing it to make sure it works type of site.

I've determined my best choice is a DOS based solution that
will run under OS/2, probably W0RLI or TNOS, but around here
most of our packet systems run message forwarding, on NET/ROM
nodes, and no real required TCP/IP stuff.

The hardware is no slouch, 700 mhz P3, 30 gigs hard drive, 4
serial ports, Kantronics 9612+ and a 10 watt IC-22 and a 'brewed
copper cactus.

The TNC/Radio/Antenna work fine connecting up as a user, so I
know that works, but besides the fact that I do have an IP,
where to start and how to get there is my problem. Anyone care
to toss out some much appreciated guidance?

73, Ramsay, KC2GMW

- --

+---------------------------------------------------------------------------+
| Ramsay D. Seielstad KC2GMW | mrhuey@worldnet.att.net; |
| Schenectady, NY | ~~~~~~~~~~~~~~~~~~~~~~ |
+-=-=-=-=-=-=-=-=-=-=-=-=+=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-+
| "No fancy terminators or trailers, No opinion, Just an average, everyday |
| guy with a bunch of unrelated hobbyist activities that have no significant |
| use or value other than to amuse myself and occupy me free time ... and |
| trust me, these ain't MY employer's opinions or views" |
+---------------------------------------------------------------------------+
| To try to obtain my PGP Public Key: finger mrhuey@wizvax.net |
+---------------------------------------------------------------------------+

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 5.0i OS/2 for non-commercial use
Comment: PGP 5.0 for OS/2
Charset: cp850
```

```
wj8DBQE6qhjDPchDHKBozt4RAgQBAJ4u2Lfrh3eBaEtdKcXfYD2XbIiUOACfSzmB
9FDZtIbNMTKUNGvnLgsRUwI=
=+noA
-----END PGP SIGNATURE-----
```

580. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 14:43:49 UTC
From: John K Scoggin <aat3bf@conectiv.com>
Message-ID: <98g2va01j3l@enews1.newsguy.com>
Source record: 9171

"Hank Oredson" <horedson@att.net> wrote in message
news:ULDq6.3977$Rb.309472@bgtnsc05-news.ops.worldnet.att.net...
> The hardware are ... ready for this? ... CLOVER controllers and
> PACTOR-II controllers! They connect to ... um ... something called
> an "RS-232C serial port" ... many computers have those! Programs
> called "applications" send commands and data to the controllers,
> causing them to send that data, and to receive data, across radio links.
>

Actually, I believe that the latest version of F6FBB under Linux supports
the SCS PTC-II in
PACTOR-II mode (including scanning). It is also possible to communicate in
IP (using
SLIP) over PACTOR II - see
http://maflink.maf.org/Support/noframes/Support/Radio/ptc2slip/pactor.htm.
I am currently working on getting an HF/VHF-Internet gateway running to
support connectivity
to some Federal agencies who don't/won't use radio messaging systems... :-(

And no, I am not a Land Line LID - I have spent the past two years working
(successfully) to get the Army MARS
packet network in my area on its feet (having pretty much given up on the
amateur community -
it's like herding cats). I agree with you that radio end-to-end is
certainly greatly preferable - just not always
possible in the short term.

73's, john
N3SKO/AAT3BF/AAM3O

581. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 15:08:25 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <JxMq6.5301$Vg3.355684@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9167

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:2d5matg8qvfdkko4bng9stv6cdb2h2ejjp@4ax.com...
> On Sun, 11 Mar 2001 00:45:04 GMT, "D. Stussy"
> <kd6lvw@bde-arc.ampr.org> wrote:
>
>
> >Why do we need to run that exotic hardware, when we can run normal hardware
> >under Linux and make it do exotic things! ;-)
>
> So Linux supports a kernel mode driver that uses the standard sound
> card and implements Clover and Pactor II protocol ???

WoW!
That would be cool!
Where do I get the appropriate software?
Are there any applications that use the drivers?

--

... Hank

http://horedson.home.att.net

582. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 15:14:06 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <2DMq6.5307$Vg3.355654@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9168

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103110701450.3680-100000@exp.bde-arc.ampr.org...
> On Sun, 11 Mar 2001, Hank Oredson wrote:
> > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > news:Pine.LNX.4.10.10103110230520.3129-100000@exp.bde-arc.ampr.org...
> > > On Sun, 11 Mar 2001, Hank Oredson wrote:
> >
> > > > One more time: tell me about Linux support for PACTOR-II and CLOVER.
> >
> > > Tell me what hardware those modes use (chipset, etc.) and I'll tell you
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> > it's
> > > currently suppported. Generally, drivers are the responsibility of the
> > > manufacturer. Can you run those modes on a Mac? You see,
shortsightedness
> > of
> > > the manufacturer is the problem; not the OS platform.
> >
> > You really don't know much about digital radio I guess.
> >
> > Here are some free clues (most hams can ignore the following,
> > you probably know all about these modes).
> >
> > The hardware are ... ready for this? ... CLOVER controllers and
> > PACTOR-II controllers! They connect to ... um ... something called
> > an "RS-232C serial port" ... many computers have those! Programs
> > called "applications" send commands and data to the controllers,
> > causing them to send that data, and to receive data, across radio links.
>
> What I have seen for those is things like that custom HAL-9000 board. There
is
> no RS-232 port on there.

Really really clueless.

PTC-II, DXP38, D4100 just for a start.

When you visit your local ham radio store, ask them to show you
a DXP38. There was one right up front in the display cabinet the
last time I was in HRO.

> However, if you're talking about a regular TNC (such as an upgraded PK-232)
> that supports the mode in hardware, Linux can easily support it. The TNC is
> responsible for firmware level conversions (i.e. level 1) from KISS mode, and
> Linux supports KISS mode.

Guess you were not paying attention.
The question was not about "TNCs".
If you don't know the answers, just say so.

> > That data might just happen to be (just as one silly example) messages
> > or bulletins that could (if one wanted to) be moved to and from messaging
> > systems such as the ham radio BBS network, or the internet, or any other
> > messaging system of your choice. They have been used for this purpose
> > over ham radio for many many years. There are other controllers that
> > handle other protocols, I'll mention them later.
> >
> > > Linux supports regular TNC's, the defective Baycoms, and even AX.25
emulation
> > > over ethernet (BPQ mode too). Try running a Baycom TNC on a Mac?
> >
> > If that is all it supports, it is useless for the desired application.
>
> I in no way said that the above was wholly inclusive of all it supported. In
> fact, I have made no claim whatsoever to what it doesn't support. Your
> continuing obsession to read things into what I have said or omitted shows
the
> light of your true nature.

So answer the question.
Perhaps you just don't know?

> > How about plain ordinary RTTY? PACTOR-I? PSK31?
> > Are there Linux applications that support those modes?
> > There are such applications for Windows, and, with the exception of
> > PSK31, also for DOS and for CP/M and for (name your favorite
> > operating system but forget VM and ISIS and QNX e.g.).
> > B1FF can even use his old C-20 if he wants to!
> >
> > And that is the main problem with Linux. It may well be a nice OS
> > for running internet servers (but was never my choice: Solaris and
> > HP-UX are much more stable and have much better support), but
> > the applications and support are just are not there yet for Linux.
> >
> > My point, of course, is that for support of emergency communications,
> > one wants to make use of all the things that hams can do. The OS of
> > choice is the one that provides the maximum number of options.
> > It ain't Linux.
>
> And with the records of bugs, crashes, and such, it certainly is NOT any
> Microsoft product either.

I guess you really just don't know much about Linux either.

--

... Hank

http://horedson.home.att.net

583. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 15:18:20 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <0HMq6.5308$Vg3.356741@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9169

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ammec.etp.nomail@linux.pe1chl.ampr.org...
> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >I in no way said that the above was wholly inclusive of all it supported.
In
> >fact, I have made no claim whatsoever to what it doesn't support. Your
> >continuing obsession to read things into what I have said or omitted shows
the
> >light of your true nature.
>
> Hank's likes to stress that Linux does not (in his view) the protocols that
> he (in his view) needs. But instead of rectifying that situation he
> continues to develop his software for DOS, and than claims that DOS is the
> only usable platform for the decades to come.

Nobody has asked me for Linux support.
Guess that is because I'm interested in ham radio.

> Of course his grandma (who can read) could have installed Linux on her
> computer just as easily, and could have done it for his group of people
> that are now going to use DOS (and apparently cannot read).

Both my grandmas passed away over 25 years ago.

If my mother installed Linux it would not be very useful, even if she
did have a ham license. She lives 3200 km from here, we would need
an HF link. Linux does not support any useful protocols.

> And Hank could have ported that application he so desparately needs to
> Linux. When it is now running on DOS, that should not be too tough.

Yes, it would be easy to port to Linux.
Why would I do that?
Of the few Linux users on air here, only ONE has managed to get
it to actually work and send tcp/ip frames to other tcp/ip systems
using ham radio. The rest use simple terminal programs over AX.25.

--

... Hank

http://horedson.home.att.net

584. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 15:19:40 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <gIMq6.5309$Vg3.356630@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9170

"Robin Gilks" <g8ecj@gb7ipd.ampr.org> wrote in message
news:enrf89.ob5.ln@news.freeserve.net...
> D. Stussy wrote:
>
> > On Wed, 7 Mar 2001, Tom Kreiner wrote:
> >> I'm working on a setup for our local emergency center that will involve
> >> setting up a JNOS type Packet BBS to link us to different counties
> >> around the state. We would like to take this a step further and network
> >> the JNOS computer with other computers in the office so that message can
> >> be directly addressed to the voice operating positions.
> >>
> >> I've been going through the book titled, "NOSIntro - TCP/IP over Packet
> >> Radio" and it alludes to the fact that this sort of setup can be done.
> >> However, I'm having a hard time trying to figure out how. Does anyone
> >> have any experience with this that could help?
> >
> > Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
>
> Better still, use JNOS under Linux where it compiles very nicely (thank
> you) and runs reliably. My system was quite happy for the 4 weeks I was on
> holiday last month where is shifted over 350megs of data over 8 radio
> ports, imported several thousand bulletins and provided the radio interface
> to HTPP convers, bind DNS and Apache web server.
>
> But beware - use JNOS for the tasks it was designed for - not the 'extras'
> such as convers and web server that have been added in more recent years
> and have 'bloated' the code base somewhat. For being able to adapt the
> TCP/IP timers and retry algorithms to a noisy radio environment and as a
> AX25 to nntp/smtp gateway it is excellent. It also provides a BBS front end
> for those AX25 users who haven't yet 'discovered' the fun of TCP/IP and the
> fact that you can use your favourite GUI behind it.
>
> BTW: my favourite GUI is KDE and having just upgraded to version 2.1 I can
> say its excellent!!

Does it do PACTOR-II and CLOVER?
(Nobody seems to know ...)

--

... Hank

http://horedson.home.att.net

585. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 16:59:59 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3aabb136_4@news1.prserv.net>
Source record: 9172

I do not have a 756 Pro, so I cannot be specifically helpful, but Bob Lewis seems to be giving you the right input.

You definitely want to use the accessory port in the back so that you can use FSK. You want to be able to use all of the narrow filters while copying RTTY or Pactor.

As Bob pointed out, it sounds like you are not keying the FSK port with the "shift." Make sure that the "shift" pin on the PK-232 is keying the "shift" input on the 756 FSK port.

Hope to see you on Pactor soon! The PK-232MBX is a decent TNC for Pactor. Give it a try!

--
Roger J. Buffington, W6VZV
_____
"Anyone who represents himself in court has a fool for a client. And a jackass for a lawyer." -- Abraham Lincoln, 1845

"DL" <phochief@adelphia.net> wrote in message
news:98f0mn$14dm$1@news.gate.net...
> Ok, I'm new to RTTY.....with that said.....
>
> I'm using PKterm99 software to my AEA PK-232mbx tnc and to my Icom 756pro
> using an MFJ microphone/tnc switch. I'd like to use the 756pro's RTTY
mode
> which seems to copy RTTY better than when I just use the LSB mode. But
> when using RTTY mode when I switch to transmit I'm only putting out a
solid
> carrier with no modulated RTTY signal. What the heck am I doing wrong?
> If I switch to LSB mode, I can both receive and transmit RTTY but I'd
prefer
> using the 756pro's RTTY mode. I even tried connecting the FSK output on
the
> pk-232 to the ACC1 FSK on the Icom but no difference. Why am I only
> transmitting a carrier when I hit Send in the 756pro's RTTY mode? Any
> advice for this digitally-challenged ham would be appreciated.
>
> Thanks,
> David,K4ZZR
>
>

586. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 17:45:19 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <PQOq6.4942$fw6.378918@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9173

"John K Scoggin" <aat3bf@conectiv.com> wrote in message
news:98g2va01j3l@enews1.newsguy.com...
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:ULDq6.3977$Rb.309472@bgtnsc05-news.ops.worldnet.att.net...
> > The hardware are ... ready for this? ... CLOVER controllers and
> > PACTOR-II controllers! They connect to ... um ... something called
> > an "RS-232C serial port" ... many computers have those! Programs
> > called "applications" send commands and data to the controllers,
> > causing them to send that data, and to receive data, across radio links.
> >
>
> Actually, I believe that the latest version of F6FBB under Linux supports
> the SCS PTC-II in
> PACTOR-II mode (including scanning). It is also possible to communicate in
> IP (using
> SLIP) over PACTOR II - see
> http://maflink.maf.org/Support/noframes/Support/Radio/ptc2slip/pactor.htm.
> I am currently working on getting an HF/VHF-Internet gateway running to
> support connectivity
> to some Federal agencies who don't/won't use radio messaging systems... :-(
>
> And no, I am not a Land Line LID - I have spent the past two years working
> (successfully) to get the Army MARS
> packet network in my area on its feet (having pretty much given up on the
> amateur community -
> it's like herding cats). I agree with you that radio end-to-end is
> certainly greatly preferable - just not always
> possible in the short term.
>
> 73's, john
> N3SKO/AAT3BF/AAM3O

Thanks John, you're the first to provide some actual information.

Will pass this along to the folks interested in long haul HF links
for their emergency comms. Exactly the info they are looking for.
The links will run both on ham radio, and on some commercial
freqs in the 4 MHz range. They get the fun of sorting out how
the messages need to be handled (smile).

--

... Hank

http://horedson.home.att.net

587. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 17:50:48 UTC
From: DL <phochief@adelphia.net>
Message-ID: <98gdsn$1doc$1@news.gate.net>
Source record: 9174

Bob...thanks for the info. Yes, I'm using another receiver and only hear the solid carrier with the 756 in RTTY mode. When I switch to a sideband mode, Rtty works fine (via the microphone input).

The ACC1 pinout for FSK in the Icom manual only shows these pinouts:
2 - Ground
3 - PTT
5 - AF Input
6 - Squelch (don't need that)
7 - RTTY keying

The FSK DIN on the back of the pk-232 shows:
1 - FSK N
2 - GND
3 - MARK
4 - FSK R
5 - SPACE

The PSK-232 manual only shows 2 of these pins being used, Pin 1 (for Normal FSK) and Pin 2 (for ground). So those are the only two connections I made to my 756:

(Pk232) Pin 1 to (756pro) Pin 5
(Pk232) Pin 2 to (756pro) Pin 2

So, it looks like I've got output from the radio to the TNC but no connection from the TNC output to the radio? If the Pk232 Mark and Space pins are supposed to be used, what do I connect them to on the ACC1 of the radio? Should I run both of the Pk232's Mark and Space pins to the 756pro's Pin 7 (RTTY keying)?

Obviously some of the other pins should be hooked up but what to what? And, should I assume that the connection between the 756 ACC1 and PK232 FSK in/outputs will bypass the other connections made via the TNC's "Radio1" connector and the 756's microphone when the radio is in RTTY mode?

Again, thanks for your help. What would we do without hams helping hams?

73,
David, K4ZZR

"Bob Lewis" <rlewis@staffnet.com> wrote in message
news:iKJq6.137$VG2.928@newsfeed.slurp.net...
> Using the 756PRO's RTTY keying input on the ACC(1) connector is the
> way you want to do it. The PRO must be in the RTTY mode. The PK232 FSK
> outputs a DC voltage level into the PRO's RTTY keying input, normally
> >2.4V for mark and <0.6V for space. I don't recall if the PK232 always

> outputs the FSK signal or if there is a parameter that must be set to
> use it.
>
> When you say that you are outputting only carrier with no modulated
> RTTY signal that would mean that the PK232 FSK output is not
> controlling the PRO's FSK input. How are you verifying that you do not
> have any shift (another receiver)? FSK will be a steady carrier which
> is shifted in frequency in step with the mark/space input signal.
>
>
>

588. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 18:02:49 UTC
From: DL <phochief@adelphia.net>
Message-ID: <98gej6$1664$1@news.gate.net>
Source record: 9175

Roger...thanks for your reply. After writing my least response, I think I know where the problem lies although the PK-232 manual doesn't actually show a connection from the TNC's FSK Mark and Space pins, I'll bet I'm supposed to run BOTH of those to the 756pro's "RTTY Keying" pin 7. Whatdayathink?

73,
David, ,K4ZZR

p.s. I've been able to receive some Pactor but haven't tried connecting to anyone yet. Need to do a little more reading on that mode.

> I do not have a 756 Pro, so I cannot be specifically helpful, but Bob Lewis
> seems to be giving you the right input.
>
> You definitely want to use the accessory port in the back so that you can
> use FSK. You want to be able to use all of the narrow filters while copying
> RTTY or Pactor.
>
> As Bob pointed out, it sounds like you are not keying the FSK port with the
> "shift." Make sure that the "shift" pin on the PK-232 is keying the "shift"
> input on the 756 FSK port.
>
> Hope to see you on Pactor soon! The PK-232MBX is a decent TNC for Pactor.
> Give it a try!
>
> --
> Roger J. Buffington, W6VZV
> ------
> "Anyone who represents himself in court has a fool for a client. And a
> jackass for a lawyer." -- Abraham Lincoln, 1845
>
>
> "DL" <phochief@adelphia.net> wrote in message
> news:98f0mn$14dm$1@news.gate.net...
> > Ok, I'm new to RTTY.....with that said.....
> >
> > I'm using PKterm99 software to my AEA PK-232mbx tnc and to my Icom 756pro
> > using an MFJ microphone/tnc switch. I'd like to use the 756pro's RTTY
> mode
> > which seems to copy RTTY better than when I just use the LSB mode. But

> > when using RTTY mode when I switch to transmit I'm only putting out a
> solid
> > carrier with no modulated RTTY signal. What the heck am I doing wrong?
> > If I switch to LSB mode, I can both receive and transmit RTTY but I'd
> prefer
> > using the 756pro's RTTY mode. I even tried connecting the FSK output on
> the
> > pk-232 to the ACC1 FSK on the Icom but no difference. Why am I only
> > transmitting a carrier when I hit Send in the 756pro's RTTY mode? Any
> > advice for this digitally-challenged ham would be appreciated.
> >
> > Thanks,
> > David,K4ZZR
> >
> >
>
>

589. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 18:15:41 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <PfPq6.17326$Ac5.4005985@e3500-chi1.usenetserver.com>
Source record: 9176

David,

Might want to talk to John Douglas at Timewave. They could give you the correct pinouts to hook the FSK lines up to the IC-756 pro... also might want to get Gary Fiber at Icom in on the conversation too. That way, it can be fixed up real easy and fast. FYI, no changes are needed in PKterm '99 when going from AFSK to FSK.

If I'm not mistaken, Gary has a PK-232 also.

Rick - W4PC
http://www.cssincorp.com

"DL" <phochief@adelphia.net> wrote in message
news:98gdsn$1doc$1@news.gate.net...
> Bob...thanks for the info. Yes, I'm using another receiver and only hear
> the solid carrier with the 756 in RTTY mode. When I switch to a sideband
> mode, Rtty works fine (via the microphone input).
>
> The ACC1 pinout for FSK in the Icom manual only shows these pinouts:
> 2 - Ground
> 3 - PTT
> 5 - AF Input
> 6 - Squelch (don't need that)
> 7 - RTTY keying
>
> The FSK DIN on the back of the pk-232 shows:
> 1 - FSK N
> 2 - GND
> 3 - MARK
> 4 - FSK R
> 5 - SPACE
>
> The PSK-232 manual only shows 2 of these pins being used, Pin 1 (for
Normal
> FSK) and Pin 2 (for ground). So those are the only two connections I
made
> to my 756:
>
> (Pk232) Pin 1 to (756pro) Pin 5
> (Pk232) Pin 2 to (756pro) Pin 2
>
> So, it looks like I've got output from the radio to the TNC but no
> connection from the TNC output to the radio? If the Pk232 Mark and Space
> pins are supposed to be used, what do I connect them to on the ACC1 of the

> radio? Should I run both of the Pk232's Mark and Space pins to the
756pro's
> Pin 7 (RTTY keying)?
>
> Obviously some of the other pins should be hooked up but what to what?
> And, should I assume that the connection between the 756 ACC1 and PK232
FSK
> in/outputs will bypass the other connections made via the TNC's "Radio1"
> connector and the 756's microphone when the radio is in RTTY mode?
>
> Again, thanks for your help. What would we do without hams helping hams?
>
> 73,
> David, K4ZZR
>
>
> "Bob Lewis" <rlewis@staffnet.com> wrote in message
> news:iKJq6.137$VG2.928@newsfeed.slurp.net...
> > Using the 756PRO's RTTY keying input on the ACC(1) connector is the
> > way you want to do it. The PRO must be in the RTTY mode. The PK232 FSK
> > outputs a DC voltage level into the PRO's RTTY keying input, normally
> > >2.4V for mark and <0.6V for space. I don't recall if the PK232 always
> > outputs the FSK signal or if there is a parameter that must be set to
> > use it.
> >
> > When you say that you are outputting only carrier with no modulated
> > RTTY signal that would mean that the PK232 FSK output is not
> > controlling the PRO's FSK input. How are you verifying that you do not
> > have any shift (another receiver)? FSK will be a steady carrier which
> > is shifted in frequency in step with the mark/space input signal.
> >
> >
> >
>
>

590. Panic-Emergency Security Dialers for Amateurs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 18:44:20 UTC
From: ka7slc@worldnet.att.net
Message-ID: <3aabc749.2897332@netnews.worldnet.att.net>
Source record: 9177

Hey Fellow Amateurs...
Do you have a Senior family member or disabled person that wants to
LIVE AT HOME and NOT an expensive resthome???

Do you have a friend, spouse or loved one who live's at home alone
and wants both SECURITY and MEDICAL monitoring FREE OF CHARGE?

Peterson & Associates has aquired about 100 of the long sought after,
NO MONTHLY fee, WIRELESS Pendant, emergency Console systems!
These sell RIGHT NOW through Retirement Groups nationally for 199.95

See our web ad.... www.ratestuff.net/medical.html -they sell there
for 69.95

Read on to get yours through our Ham Radio sales outlet-dealer in
Salt Lake City, Utah for 59.95, plus shipping and any taxes
applicable.

These are Complete Security and Emergency Medical HELP Dialer -
Console
systems that consist of a 100' Wireless Pendant that a Senior or
disabled
person can carry around the House. These are GREAT for Parents, the
Elderly or anyone that wants to stay at home, giving family members
a peace of mind. These are provided to monitor an alert Friends and
Families
through an emergency dialing system, witout ANY MONTHLY MONITORING
FEES, EVER!!

These are like the "HELP I"VE FALLEN and can't get up BUTTONS"
advertised
with 30.00 per month monitoring fees, these units can be programmed
easily with up to THREE Family members telephone numbers, or even 911
or Police where accepted.

Once the panic button is pressed, the console dials out and delivers a
pre-recorded emergency message to your loved ones.

These UNITS are for sale to Ham Radio Families and their friends for
a special NET price of $59.95, plus tax & shipping.
VISA, Mastercard and ATM cards now accepted!!

Just ask Bob for the special price on the PANIC DIALER's

COMMUNICATIONS PRODUCTS
7946 S. State Street
Midvale, Utah 84047

Phone: 801-567-9944

www.ratestuff.net/medical.html

591. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 19:54:53 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <67lg89.34e.ln@news.freeserve.net>
Source record: 9178

Hank Oredson wrote:

>
> "Robin Gilks" <g8ecj@gb7ipd.ampr.org> wrote in message
> news:enrf89.ob5.ln@news.freeserve.net...
>> D. Stussy wrote:
>>
>> > On Wed, 7 Mar 2001, Tom Kreiner wrote:
>> >> I'm working on a setup for our local emergency center that will
>> >> involve setting up a JNOS type Packet BBS to link us to different
>> >> counties around the state. We would like to take this a step further
>> >> and network the JNOS computer with other computers in the office so
>> >> that message can be directly addressed to the voice operating
>> >> positions.
>> >>
>> >> I've been going through the book titled, "NOSIntro - TCP/IP over
>> >> Packet Radio" and it alludes to the fact that this sort of setup can
>> >> be done. However, I'm having a hard time trying to figure out how.
>> >> Does anyone have any experience with this that could help?
>> >
>> > Yes. Abandon all hope and switch to Linux. JNOS is 10+ years old.
>>
>> Better still, use JNOS under Linux where it compiles very nicely (thank
>> you) and runs reliably. My system was quite happy for the 4 weeks I was
>> on holiday last month where is shifted over 350megs of data over 8 radio
>> ports, imported several thousand bulletins and provided the radio
>> interface to HTPP convers, bind DNS and Apache web server.
>>
>> But beware - use JNOS for the tasks it was designed for - not the
>> 'extras' such as convers and web server that have been added in more
>> recent years and have 'bloated' the code base somewhat. For being able to
>> adapt the TCP/IP timers and retry algorithms to a noisy radio environment
>> and as a AX25 to nntp/smtp gateway it is excellent. It also provides a
>> BBS front end for those AX25 users who haven't yet 'discovered' the fun
>> of TCP/IP and the fact that you can use your favourite GUI behind it.
>>
>> BTW: my favourite GUI is KDE and having just upgraded to version 2.1 I
>> can say its excellent!!
>
> Does it do PACTOR-II and CLOVER?
> (Nobody seems to know ...)
>

I haven't the foggiest idea - and why should I know since that wasn't the
original question anyway. I'm too busy with 9k6 and higher speeds to be

concerned about operations on the DC bands in any case...

--
Robin

Internet: g8ecj@abmdata.demon.co.uk http://www.gb7ipd.freeserve.co.uk/
Anorak mode = Shack: (+44) 1628 533311 Fax: (+44) 1628 850165
Club pages (g4xyw modem etc) at http://www.tvipug.org

592. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 20:52:02 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <syRq6.657$VG2.1462@newsfeed.slurp.net>
Source record: 9180

> I'll bet I'm supposed to run BOTH of those to the 756pro's "RTTY Keying" pin 7

As I recall, the mark and space connections on the PK-232 are outputs to drive a scope for tuning. The FSK input on the PRO is pin 1 not pin 7.

593. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 21:08:00 UTC
From: DL <phochief@adelphia.net>
Message-ID: <98gpeg$1560$1@news.gate.net>
Source record: 9181

You're right, I slipped and wrote 7 when I meant 1.

"Bob Lewis" <rlewis@staffnet.com> wrote in message
news:syRq6.657$VG2.1462@newsfeed.slurp.net...
> > I'll bet I'm supposed to run BOTH of those to the 756pro's "RTTY
> Keying" pin 7
>
> As I recall, the mark and space connections on the PK-232 are outputs
> to drive a scope for tuning. The FSK input on the PRO is pin 1 not pin
> 7.
>
>
>

594. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-11 21:32:57 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9anro8.etp.nomail@linux.pe1chl.ampr.org>
Source record: 9182

Hank Oredson <horedson@att.net> wrote:

>> And Hank could have ported that application he so desparately needs to
>> Linux. When it is now running on DOS, that should not be too tough.

>Yes, it would be easy to port to Linux.
>Why would I do that?
>Of the few Linux users on air here, only ONE has managed to get
>it to actually work and send tcp/ip frames to other tcp/ip systems
>using ham radio. The rest use simple terminal programs over AX.25.

How does that compare to the radio of *NOS users to plain AX.25 terminal
program users that use DOS and Windows? Probably similar?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

595. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 00:14:05 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103120006140.5264-100000@exp.bde-arc.ampr.org>
Source record: 9183

On Sun, 11 Mar 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103110701450.3680-100000@exp.bde-arc.ampr.org...
> > On Sun, 11 Mar 2001, Hank Oredson wrote:
> > > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > > news:Pine.LNX.4.10.10103110230520.3129-100000@exp.bde-arc.ampr.org...
> > > > On Sun, 11 Mar 2001, Hank Oredson wrote:
> > >
> > > > > One more time: tell me about Linux support for PACTOR-II and CLOVER.
> > >
> > > > Tell me what hardware those modes use (chipset, etc.) and I'll tell you
> if
> > > it's
> > > > currently suppported. Generally, drivers are the responsibility of the
> > > > manufacturer. Can you run those modes on a Mac? You see,
> shortsightedness
> > > of
> > > > the manufacturer is the problem; not the OS platform.
> > >
> > > You really don't know much about digital radio I guess.
> > >
> > > Here are some free clues (most hams can ignore the following,
> > > you probably know all about these modes).
> > >
> > > The hardware are ... ready for this? ... CLOVER controllers and
> > > PACTOR-II controllers! They connect to ... um ... something called
> > > an "RS-232C serial port" ... many computers have those! Programs
> > > called "applications" send commands and data to the controllers,
> > > causing them to send that data, and to receive data, across radio links.
> >
> > What I have seen for those is things like that custom HAL-9000 board. There
> is
> > no RS-232 port on there.
>
> Really really clueless.
>
> PTC-II, DXP38, D4100 just for a start.
>
> When you visit your local ham radio store, ask them to show you
> a DXP38. There was one right up front in the display cabinet the
> last time I was in HRO.

Well, excuse me. Not everyone has an HRO nearby. The store I was most
recently in (within the past month) was Jun's, and they don't have that on

display.

> > However, if you're talking about a regular TNC (such as an upgraded PK-232)
> > that supports the mode in hardware, Linux can easily support it. The TNC is
> > responsible for firmware level conversions (i.e. level 1) from KISS mode, and
> > Linux supports KISS mode.
>
> Guess you were not paying attention.
> The question was not about "TNCs".
> If you don't know the answers, just say so.

The question is about data controllers. Since when is a TNC not one? (Granted
that it's not the only type, but your reply makes the reader infer that you are
classifying them as something else).

> > > That data might just happen to be (just as one silly example) messages
> > > or bulletins that could (if one wanted to) be moved to and from messaging
> > > systems such as the ham radio BBS network, or the internet, or any other
> > > messaging system of your choice. They have been used for this purpose
> > > over ham radio for many many years. There are other controllers that
> > > handle other protocols, I'll mention them later.
> > >
> > > > Linux supports regular TNC's, the defective Baycoms, and even AX.25
> emulation
> > > > over ethernet (BPQ mode too). Try running a Baycom TNC on a Mac?
> > >
> > > If that is all it supports, it is useless for the desired application.
> >
> > I in no way said that the above was wholly inclusive of all it supported. In
> > fact, I have made no claim whatsoever to what it doesn't support. Your
> > continuing obsession to read things into what I have said or omitted shows
> the
> > light of your true nature.
>
> So answer the question.
> Perhaps you just don't know?

I don't claim to know 100% of everything about Linux. It's "open source"
developement clearly implies that perhaps someone has in fact implemented a
driver for all this obscure hardware you're talking about, but there need not
be any indication that such was ever shared with the world.

> > > How about plain ordinary RTTY? PACTOR-I? PSK31?
> > > Are there Linux applications that support those modes?
> > > There are such applications for Windows, and, with the exception of
> > > PSK31, also for DOS and for CP/M and for (name your favorite
> > > operating system but forget VM and ISIS and QNX e.g.).
> > > B1FF can even use his old C-20 if he wants to!
> > >
> > > And that is the main problem with Linux. It may well be a nice OS
> > > for running internet servers (but was never my choice: Solaris and
> > > HP-UX are much more stable and have much better support), but

> > > the applications and support are just are not there yet for Linux.
> > >
> > > My point, of course, is that for support of emergency communications,
> > > one wants to make use of all the things that hams can do. The OS of
> > > choice is the one that provides the maximum number of options.
> > > It ain't Linux.
> >
> > And with the records of bugs, crashes, and such, it certainly is NOT any
> > Microsoft product either.
>
> I guess you really just don't know much about Linux either.

Apparently more than you do.

Here's something that Linux does support that I haven't seen anywhere, except for some custom PROMS for some TNC's: A "Rose" network.

Here's something that Linux doesn't support: "Flexnet" - which does exist for Windows. You see, I'm willing to admit that there's something that it doesn't do.....

596. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 00:20:18 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103120015310.5264-100000@exp.bde-arc.ampr.org>
Source record: 9184

On Sun, 11 Mar 2001, Hank Oredson wrote:
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn9ammec.etp.nomail@linux.pe1chl.ampr.org...
> > D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > >I in no way said that the above was wholly inclusive of all it supported.
> In
> > >fact, I have made no claim whatsoever to what it doesn't support. Your
> > >continuing obsession to read things into what I have said or omitted shows
> the
> > >light of your true nature.
> >
> > Hank's likes to stress that Linux does not (in his view) the protocols that
> > he (in his view) needs. But instead of rectifying that situation he
> > continues to develop his software for DOS, and than claims that DOS is the
> > only usable platform for the decades to come.
>
> Nobody has asked me for Linux support.
> Guess that is because I'm interested in ham radio.
>
> > Of course his grandma (who can read) could have installed Linux on her
> > computer just as easily, and could have done it for his group of people
> > that are now going to use DOS (and apparently cannot read).
>
> Both my grandmas passed away over 25 years ago.
>
> If my mother installed Linux it would not be very useful, even if she
> did have a ham license. She lives 3200 km from here, we would need
> an HF link. Linux does not support any useful protocols.

For the record, apparently raw AX.25 (or even the extended AX.25 with a 128 packet window), Net/ROM (classic and BPQ), ROSE, and TCP/IP are not useful protocols according to Hank.

> > And Hank could have ported that application he so desparately needs to
> > Linux. When it is now running on DOS, that should not be too tough.
>
> Yes, it would be easy to port to Linux.
> Why would I do that?
> Of the few Linux users on air here, only ONE has managed to get
> it to actually work and send tcp/ip frames to other tcp/ip systems
> using ham radio. The rest use simple terminal programs over AX.25.

Just because you live in a neighborhood of failures doesn't mean that you have to be one too.

In my part of the world, at least half (if not more, but not all) of the statios running TCP/IP over AX.25 are doing it via Linux. Only about three are holding out with JNOS under Windows. One (W6TRW) is doing it by running JNOS under Linux, but Linux is doing the packet switching. The JNOS BBS is "attached" via a virtual serial port and does no routing of its own.

597. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 00:28:07 UTC
From: DL <phochief@adelphia.net>
Message-ID: <98h55n$r7u$1@news.gate.net>
Source record: 9186

Thanks to Bob Lewis and his private email explaining the proper way to set things up I can now receive *and* transmit RTTY. Thanks again Bob!

73,
David, K4ZZR

> Ok, I'm new to RTTY.....with that said.....
>
> I'm using PKterm99 software to my AEA PK-232mbx tnc and to my Icom 756pro
> using an MFJ microphone/tnc switch. I'd like to use the 756pro's RTTY mode
> which seems to copy RTTY better than when I just use the LSB mode. But
> when using RTTY mode when I switch to transmit I'm only putting out a solid
> carrier with no modulated RTTY signal. What the heck am I doing wrong?
> If I switch to LSB mode, I can both receive and transmit RTTY but I'd prefer
> using the 756pro's RTTY mode. I even tried connecting the FSK output on the
> pk-232 to the ACC1 FSK on the Icom but no difference. Why am I only
> transmitting a carrier when I hit Send in the 756pro's RTTY mode? Any
> advice for this digitally-challenged ham would be appreciated.
>
> Thanks,
> David,K4ZZR
>
>

598. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 00:40:37 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <1l6oat4ea7rm616g0r9tjia9nmp51fpaie@4ax.com>
Source record: 9185

On Sat, 10 Mar 2001 16:14:41 GMT, "Hank Oredson" <horedson@att.net> wrote:
>Sounds like "any even 100 KHz within some 1 MHz portion
>of the 220 band". My question was "which one".

Well, that depends on the crystal frequency in the particular
transverter you use, doesn't it?

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

599. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 01:13:58 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <qpVq6.6114$Vg3.415166@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9187

"Terry Dawson" <terry@animats.net> wrote in message
news:3AAAB00C.D0262905@animats.net...
> Hank Oredson wrote:
>
> > Do the ham radio applications for Linux support PTC-II and HAL
> > controllers? I've never seen any Linux system using CLOVER yet,
> > and have not heard of any using PACTOR-II. If they do exist, give
> > me some calls and scan freqs and will check them out.
>
> FBB for Linux naturally supports the PCI-II. Any of the Linux software
> that supports WA8DED type host-mode also does implicitly. I'm in the
> process
> of developing some Linux-based gateway software that will integrate
> (as best as possible) the PTC-II into the existing Linux ham application
> space.

Excellent Terry!
Glad to hear this.
PACTOR-II is a good protocol for doing things like HF gateways ...

--

... Hank

http://horedson.home.att.net

600. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 01:17:19 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <zsVq6.6116$Vg3.415684@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9188

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103120015310.5264-100000@exp.bde-arc.ampr.org...
> On Sun, 11 Mar 2001, Hank Oredson wrote:
> > "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > news:slrn9ammec.etp.nomail@linux.pe1chl.ampr.org...
> > > D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > > >I in no way said that the above was wholly inclusive of all it
supported.
> > In
> > > >fact, I have made no claim whatsoever to what it doesn't support. Your
> > > >continuing obsession to read things into what I have said or omitted
shows
> > the
> > > >light of your true nature.
> > >
> > > Hank's likes to stress that Linux does not (in his view) the protocols
that
> > > he (in his view) needs. But instead of rectifying that situation he
> > > continues to develop his software for DOS, and than claims that DOS is
the
> > > only usable platform for the decades to come.
> >
> > Nobody has asked me for Linux support.
> > Guess that is because I'm interested in ham radio.
> >
> > > Of course his grandma (who can read) could have installed Linux on her
> > > computer just as easily, and could have done it for his group of people
> > > that are now going to use DOS (and apparently cannot read).
> >
> > Both my grandmas passed away over 25 years ago.
> >
> > If my mother installed Linux it would not be very useful, even if she
> > did have a ham license. She lives 3200 km from here, we would need
> > an HF link. Linux does not support any useful protocols.
>
> For the record, apparently raw AX.25 (or even the extended AX.25 with a 128
> packet window), Net/ROM (classic and BPQ), ROSE, and TCP/IP are not useful
> protocols according to Hank.

On HF this is quite true.

> > > And Hank could have ported that application he so desparately needs to
> > > Linux. When it is now running on DOS, that should not be too tough.
> >
> > Yes, it would be easy to port to Linux.

> > Why would I do that?
> > Of the few Linux users on air here, only ONE has managed to get
> > it to actually work and send tcp/ip frames to other tcp/ip systems
> > using ham radio. The rest use simple terminal programs over AX.25.
>
> Just because you live in a neighborhood of failures doesn't mean that you
have
> to be one too.

You might try connecting to my tcp/ip system sometime.
Lots of ways to do it, but you never have.
Wonder why?

> In my part of the world, at least half (if not more, but not all) of the

"half" means "one"?

> statios running TCP/IP over AX.25 are doing it via Linux. Only about three
are

Ok, so there are either 4 or 5 stations on air.

> holding out with JNOS under Windows. One (W6TRW) is doing it by running JNOS
> under Linux, but Linux is doing the packet switching. The JNOS BBS is
> "attached" via a virtual serial port and does no routing of its own.

WoW!

--

... Hank

http://horedson.home.att.net

601. Re: WA4DSY 56kb RF Modems with 220 transverters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 01:20:12 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <gvVq6.6124$Vg3.415405@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9189

"Gary Coffman" <ke4zv@bellsouth.net> wrote in message
news:1l6oat4ea7rm616g0r9tjia9nmp51fpaie@4ax.com...
> On Sat, 10 Mar 2001 16:14:41 GMT, "Hank Oredson" <horedson@att.net> wrote:
> >Sounds like "any even 100 KHz within some 1 MHz portion
> >of the 220 band". My question was "which one".
>
> Well, that depends on the crystal frequency in the particular
> transverter you use, doesn't it?

Um ... no ... it depends on the crystal frequency of the particular
transverter that was offered for sale. That is what I asked.
That is what this thread is about: some gear for sale.

If you don't know ... let the fella who is selling it answer.

--

... Hank

http://horedson.home.att.net

602. Re: Panic-Emergency Security Dialers for Amateurs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 01:21:12 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <cwVq6.6128$Vg3.416376@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9190

"It's not just ham ... it is SPAM!"

--

... Hank

http://horedson.home.att.net

"ka7slc" <ka7slc@worldnet.att.net> wrote in message
news:3aabc749.2897332@netnews.worldnet.att.net...
> Hey Fellow Amateurs...
> Do you have a Senior family member or disabled person that wants to
> LIVE AT HOME and NOT an expensive resthome???
>
> Do you have a friend, spouse or loved one who live's at home alone
> and wants both SECURITY and MEDICAL monitoring FREE OF CHARGE?
>
> Peterson & Associates has aquired about 100 of the long sought after,
> NO MONTHLY fee, WIRELESS Pendant, emergency Console systems!
> These sell RIGHT NOW through Retirement Groups nationally for 199.95
>
> See our web ad.... www.ratestuff.net/medical.html -they sell there
> for 69.95
>
> Read on to get yours through our Ham Radio sales outlet-dealer in
> Salt Lake City, Utah for 59.95, plus shipping and any taxes
> applicable.
>
> These are Complete Security and Emergency Medical HELP Dialer -
> Console
> systems that consist of a 100' Wireless Pendant that a Senior or
> disabled
> person can carry around the House. These are GREAT for Parents, the
> Elderly or anyone that wants to stay at home, giving family members
> a peace of mind. These are provided to monitor an alert Friends and
> Families
> through an emergency dialing system, witout ANY MONTHLY MONITORING
> FEES, EVER!!
>
> These are like the "HELP I"VE FALLEN and can't get up BUTTONS"
> advertised
> with 30.00 per month monitoring fees, these units can be programmed
> easily with up to THREE Family members telephone numbers, or even 911
> or Police where accepted.
>

> Once the panic button is pressed, the console dials out and delivers a
> pre-recorded emergency message to your loved ones.
>
> These UNITS are for sale to Ham Radio Families and their friends for
> a special NET price of $59.95, plus tax & shipping.
> VISA, Mastercard and ATM cards now accepted!!
>
> Just ask Bob for the special price on the PANIC DIALER's
>
> COMMUNICATIONS PRODUCTS
> 7946 S. State Street
> Midvale, Utah 84047
> Phone: 801-567-9944
>
> www.ratestuff.net/medical.html
>
>
>
>

603. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 01:22:52 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103120121260.5483-100000@exp.bde-arc.ampr.org>
Source record: 9191

On Mon, 12 Mar 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10103120015310.5264-100000@exp.bde-arc.ampr.org...
> > On Sun, 11 Mar 2001, Hank Oredson wrote:
> > > "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > > news:slrn9ammec.etp.nomail@linux.pe1chl.ampr.org...
> > > > D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > > > >I in no way said that the above was wholly inclusive of all it
> supported.
> > > In
> > > > >fact, I have made no claim whatsoever to what it doesn't support. Your
> > > > >continuing obsession to read things into what I have said or omitted
> shows
> > > the
> > > > >light of your true nature.
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> > > > Hank's likes to stress that Linux does not (in his view) the protocols
> that
> > > > he (in his view) needs. But instead of rectifying that situation he
> > > > continues to develop his software for DOS, and than claims that DOS is
> the
> > > > only usable platform for the decades to come.
> > >
> > > Nobody has asked me for Linux support.
> > > Guess that is because I'm interested in ham radio.
> > >
> > > > Of course his grandma (who can read) could have installed Linux on her
> > > > computer just as easily, and could have done it for his group of people
> > > > that are now going to use DOS (and apparently cannot read).
> > >
> > > Both my grandmas passed away over 25 years ago.
> > >
> > > If my mother installed Linux it would not be very useful, even if she
> > > did have a ham license. She lives 3200 km from here, we would need
> > > an HF link. Linux does not support any useful protocols.
> >
> > For the record, apparently raw AX.25 (or even the extended AX.25 with a 128
> > packet window), Net/ROM (classic and BPQ), ROSE, and TCP/IP are not useful
> > protocols according to Hank.
>
> On HF this is quite true.
>
> > > > And Hank could have ported that application he so desparately needs to
> > > > Linux. When it is now running on DOS, that should not be too tough.

> > >
> > > Yes, it would be easy to port to Linux.
> > > Why would I do that?
> > > Of the few Linux users on air here, only ONE has managed to get
> > > it to actually work and send tcp/ip frames to other tcp/ip systems
> > > using ham radio. The rest use simple terminal programs over AX.25.
> >
> > Just because you live in a neighborhood of failures doesn't mean that you
> have
> > to be one too.
>
> You might try connecting to my tcp/ip system sometime.
> Lots of ways to do it, but you never have.
> Wonder why?
>
> > In my part of the world, at least half (if not more, but not all) of the
>
> "half" means "one"?
>
> > statios running TCP/IP over AX.25 are doing it via Linux. Only about three
> are
>
> Ok, so there are either 4 or 5 stations on air.

Actually, the last time I counted, there were about 30.

> > holding out with JNOS under Windows. One (W6TRW) is doing it by running JNOS
> > under Linux, but Linux is doing the packet switching. The JNOS BBS is
> > "attached" via a virtual serial port and does no routing of its own.
>
> WoW!

You see, the people down here KNOW what they're doing......

604. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 04:10:09 UTC
From: n8blk@aol.com
Message-ID: <20010311231009.29750.00000463@nso-fa.aol.com>
Source record: 9192

In article <XApq6.77382$t67.1143175@news1.rdc1.il.home.com>, "Gilbert Baron"
<gbaron@home.com> writes:

>As for the guy that suggested LINUX, then ask him to supply the
>applications!

With a standard reasonably modern kernel, all one has to do is modprobe or
insmod the baypac module and voilï¿½ (viola for the dyslexic)
-art clemons-

605. Re: Packet radio and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 08:56:03 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103120854560.6063-100000@exp.bde-arc.ampr.org>
Source record: 9193

On 12 Mar 2001, Art Clemons wrote:
> In article <XApq6.77382$t67.1143175@news1.rdc1.il.home.com>, "Gilbert Baron"
> <gbaron@home.com> writes:
> >As for the guy that suggested LINUX, then ask him to supply the
> >applications!
>
> With a standard reasonably modern kernel, all one has to do is modprobe or
> insmod the baypac module and voilà (viola for the dyslexic)
> -art clemons-

You want applications? JNOS and F6FBB's BBS have Linux versions. There are
DX-cluster and some APRS stuff too. There's 4 - I leave it to you to go find
the rest and not waste my time saying there's nothign.

606. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 09:39:57 UTC
From: magne@clustra.com
Message-ID: <m3ofv7miky.fsf@priscilla.radar.no>
Source record: 9194

"Hank Oredson" <horedson@att.net> writes:

> Does it do PACTOR-II and CLOVER?
> (Nobody seems to know ...)

Depends on how you define 'do' :)

There are, to my knowledge, no "soundcard" implementations of
neither PACTOR-II nor Clover for Linux.

The hardware, delivered by Halcomm and others, do have an RS-232
serial interface, which of course can be interfaced to any kind
of computer (with a serial port).

There seems to be two serial protocols for talking to Clover devices
(URL:http://www.halcomm.com/docs/e2005c.pdf). I have not seen
any software for Linux that implements the proprietary protocol
(It's not very complex, so it shouldn't be hard at all to
implement given interest and some programming skill). The
other serial protocol uses a subset of the Hayes AT command
set. Most terminal programs supports this (even for Linux :)

Any device supporting a text-based serial protocol (like TNC's,
PK-232 etc. etc.) can of course be used from Linux, with
programs like 'minicom', 'seyon' and several others.

What using these "generic" programs won't give you is the
menus and controls, for easy operation, as the specialized
programs do. There is however possible to tailor these
generic programs do to a lot of what you want.

As for other modes -- there exists several soundcard solutions
for PSK31. Thomas Sailer, HB9JNX, has experimented with
RTTY, AMTOR/SITOR and PACTOR-I for soundcard.
(URL:http://www.ife.ee.ethz.ch/~sailer/ham/linux/hf.html)

There exists drivers for running packet radio (AX.25) from
soundcard (at least 300 and 1200 bps, maybe even 9k6?)

--Magne / la1bfa

607. Re: RTTY help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 10:03:02 UTC
From: Duncan Idaho <lawdog2@attglobal.net>
Message-ID: <3aaca0f9_1@news1.prserv.net>
Source record: 9195

Good deal. I hope to catch you on Pactor sometime. It is a great
mode--give it a shot sometime.

73

--

Roger J. Buffington, W6VZV

"Politicans everywhere are the same"
"They seek to build bridges, even where there are no rivers."

Nikita Khruschev

"DL" <phochief@adelphia.net> wrote in message
news:98h55n$r7u$1@news.gate.net...
> Thanks to Bob Lewis and his private email explaining the proper way to set
> things up I can now receive *and* transmit RTTY. Thanks again Bob!
>
> 73,
> David, K4ZZR
>
>
> > Ok, I'm new to RTTY.....with that said.....
> >
> > I'm using PKterm99 software to my AEA PK-232mbx tnc and to my Icom
756pro
> > using an MFJ microphone/tnc switch. I'd like to use the 756pro's RTTY
> mode
> > which seems to copy RTTY better than when I just use the LSB mode. But
> > when using RTTY mode when I switch to transmit I'm only putting out a
> solid
> > carrier with no modulated RTTY signal. What the heck am I doing wrong?
> > If I switch to LSB mode, I can both receive and transmit RTTY but I'd
> prefer
> > using the 756pro's RTTY mode. I even tried connecting the FSK output on
> the
> > pk-232 to the ACC1 FSK on the Icom but no difference. Why am I only
> > transmitting a carrier when I hit Send in the 756pro's RTTY mode? Any
> > advice for this digitally-challenged ham would be appreciated.
> >
> > Thanks,
> > David,K4ZZR
> >
> >
>

>

608. Mac Ham Software FTP Site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 12:42:09 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-A9B37C.07420912032001@enews.newsguy.com>
Source record: 9196

ftp://ftp.qsl.net/pub/wd1v/

Can use your browser or FTP program to download complete
Macnet Software Collection.

--
JS
http://www.qsl.net/wd1v

609. PACKET RADIO with HP Omnibook 300 and modem AM7810

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 17:19:20 UTC
From: Boro <borislav.santini@pu.tel.hr>
Message-ID: <98j070$fotv$1@as121.tel.hr>
Source record: 9197

I'm looking for help from someone who have experience with specific
hardware.
I'm using HEWLETT PACKARD Omnibook 300 and 1200bd modem based on AM7810
with serial connection. The modem is tested and work correctly with another
notebook (HP Omnibook 4100) or standard PC. The tested software are Baycom
and Grafic Program.

The better way to see the problem is looking the traffic monitor. I can
receive the traffic
in the interval when the program is just starting. When the program is
started on,
I can't see anything new on the traffic monitor. When the program (Boycom)
goes to sleep
mode (screen saver) the monitor is received new traffic. After I touch the
keyboard
and deactivated the screen saver, traffic on the monitor stooped.

Any advice for this problem would be appreciated.

Thanks,
Boro, 9A3KB

610. Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 20:17:14 UTC
From: wtm.wessling@freeler.nl
Message-ID: <001101c0ab31$f8916800$61d91ad4@laptop>
Source record: 9198

Hello,
It seems that I have to make a huge investment to upgrade my old PK232 to run it with pactor. Is there an alternative?

Question:
Is there any soundcard program running under Windows98 which I can use to run Pactor on HF (and PSK31, RTTy, CW etc.)?

Thanks for giving response!

73,
PA8WIM

611. Re: PACKET RADIO with HP Omnibook 300 and modem AM7810

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 20:37:45 UTC
From: Keith <kewyatt@apexmail.com>
Message-ID: <fpcqat8h5t4hgo1glcntd6t7vj9d0ubbh5@news>
Source record: 9199

On Mon, 12 Mar 2001 18:19:20 +0100, Boro
<98j070$fotv$1@as121.tel.hr> wrote:

>I'm looking for help from someone who have experience with specific
>hardware.
>I'm using HEWLETT PACKARD Omnibook 300 and 1200bd modem based on AM7810
>with serial connection. The modem is tested and work correctly with another
>notebook (HP Omnibook 4100) or standard PC. The tested software are Baycom
>and Grafic Program.
>
>The better way to see the problem is looking the traffic monitor. I can
>receive the traffic
>in the interval when the program is just starting. When the program is
>started on,
>I can't see anything new on the traffic monitor. When the program (Boycom)
>goes to sleep
>mode (screen saver) the monitor is received new traffic. After I touch the
>keyboard
>and deactivated the screen saver, traffic on the monitor stooped.
>
>Any advice for this problem would be appreciated.

Turn off the screen saver and don't run Baycom from Windows.

--
Best Regards,

Keith (Use Reply-to for email)

"Where would Christianity be if Jesus got eight to fifteen years with
time off for good behavior?" NY State Senator James Donovan, speaking
in support of capital punishment.
---

612. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-12 22:47:36 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <Hkcr6.62$mQ4.108@newsfeed.slurp.net>
Source record: 9200

> Is there any soundcard program running under Windows98 which
> I can use to run Pactor on HF (and PSK31, RTTy, CW etc.)?

No. Pactor ARQ timing requirements are far too critical to function under the Windows operating system. There is a DOS program that will run Pactor. Even then you have to go through a process of calibrating it to your particular PC.

613. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 02:58:57 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <R1gr6.6480$Rb.519148@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9101

"Magne M&#65533;hre" <magne@clustra.com> wrote in message
news:m3ofv7miky.fsf@priscilla.radar.no...
> "Hank Oredson" <horedson@att.net> writes:
>
> > Does it do PACTOR-II and CLOVER?
> > (Nobody seems to know ...)
>
> Depends on how you define 'do' :)

Guess what I meant was "do" in the same sense Linux "does" Ax.25.
Applications exist for dumb terminal mode use of the protocol,
and also to hook it into the tcp/ip stack, but there may not be a
driver available that just drops it into the socket library (or is there?)

Same comments for NET/ROM, ROSE, TEXNET and the other
L3/4 protocols.

> There are, to my knowledge, no "soundcard" implementations of
> neither PACTOR-II nor Clover for Linux.

The problem is the protocols. Requires reverse engineering ...
I know a bit about the internals of the CLOVER protocol,
and suspect it would be "difficult" to reverse engineer, but
not impossible. i.e. you would have to black box it.

> The hardware, delivered by Halcomm and others, do have an RS-232
> serial interface, which of course can be interfaced to any kind
> of computer (with a serial port).
>
> There seems to be two serial protocols for talking to Clover devices
> (URL:http://www.halcomm.com/docs/e2005c.pdf). I have not seen
> any software for Linux that implements the proprietary protocol
> (It's not very complex, so it shouldn't be hard at all to
> implement given interest and some programming skill). The
> other serial protocol uses a subset of the Hayes AT command
> set. Most terminal programs supports this (even for Linux :)
>
> Any device supporting a text-based serial protocol (like TNC's,
> PK-232 etc. etc.) can of course be used from Linux, with
> programs like 'minicom', 'seyon' and several others.

Possibly could use the PTC-II and DXP38 controllers this way.
They really need smarter applications though, and from what you
say nobody has done this yet. The code to drive the DXP38, for
both the FSK and CLOVER modes takes about 2000 lines of
C, but a good deal of that is dealing with the various command

and status information in a "nice" way, Could port it to Linux
without too much trouble, as it already is split into driver part
and API part. The API is sockets, so many applications would
be able to use it without a lot of change. My previous version of
the driver code source is available, have not made the current
version source available.

> What using these "generic" programs won't give you is the
> menus and controls, for easy operation, as the specialized
> programs do. There is however possible to tailor these
> generic programs do to a lot of what you want.

Exactly. So hams will tend to use DOS or Windows where those
applications are available.

> As for other modes -- there exists several soundcard solutions
> for PSK31. Thomas Sailer, HB9JNX, has experimented with
> RTTY, AMTOR/SITOR and PACTOR-I for soundcard.
> (URL:http://www.ife.ee.ethz.ch/~sailer/ham/linux/hf.html)
>
> There exists drivers for running packet radio (AX.25) from
> soundcard (at least 300 and 1200 bps, maybe even 9k6?)

I was aware of the AX.25 sound card work, but had not seen
the Linux PSK31 work before. Thanks for the pointers.

--

... Hank

http://horedson.home.att.net

614. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 03:01:57 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <F4gr6.6485$Rb.519311@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9102

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
news:Hkcr6.62$mQ4.108@newsfeed.slurp.net...
> > Is there any soundcard program running under Windows98 which
> > I can use to run Pactor on HF (and PSK31, RTTy, CW etc.)?
>
> No. Pactor ARQ timing requirements are far too critical to function
> under the Windows operating system. There is a DOS program that will
> run Pactor. Even then you have to go through a process of calibrating
> it to your particular PC.

Maybe someday someone will create the appropriate driver.
Things like this can be done in windows, but not at the application layer.
Gotta be some windows driver hackers out there who are also hams?

That's why pretty much everyone does it in DOS (where you can have
complete control over all the hardware), or in Linux where you have
the OS sources available to modify as needed.

--

... Hank

http://horedson.home.att.net

615. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 03:26:34 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <9qgr6.322$mQ4.2451@newsfeed.slurp.net>
Source record: 9103

> Maybe someday someone will create the appropriate driver.

I don't think that even a Windows compliant driver would do it, Hank.
My understanding is that under Windows you have no control over when
your code will run - it runs when Windows tells it to run which gives
you no way to do critical timing. Even with DOS you can have problems
with things like disk access grabbing the processor and messing up
your timing algorithms. In DOS there were work arounds but they were
all messy and could get you into a lot of trouble. Windows seems to be
getting worse rather than better in that regard.

616. PSK31 on a Mac??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 03:43:43 UTC
From: Bill Barr <bbn4uaj@earthlink.net>
Message-ID: <B6D30190.5EEA%bbn4uaj@earthlink.net>
Source record: 9104

Anyone had any luck using Multimode for psk31? The documentation dont tell u
a whole lot abt using it. I have an Icom 751 and a PowerMac 7200.
Thanks
Bill

617. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 06:29:49 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <x7jr6.7012$fw6.564715@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9105

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
news:9qgr6.322$mQ4.2451@newsfeed.slurp.net...
> > Maybe someday someone will create the appropriate driver.
>
> I don't think that even a Windows compliant driver would do it, Hank.
> My understanding is that under Windows you have no control over when
> your code will run - it runs when Windows tells it to run which gives
> you no way to do critical timing. Even with DOS you can have problems
> with things like disk access grabbing the processor and messing up
> your timing algorithms. In DOS there were work arounds but they were
> all messy and could get you into a lot of trouble. Windows seems to be
> getting worse rather than better in that regard.

The trick in your windows driver is to run it with interrupts off for the
timing critical sections, and to have your own timer interrupt hardware
to cause the interrupts to happen. It *is* a real mess to do this stuff
in windows. There are commercial data acquisition cards that use
this technique ... have seen the code for one of them, and it was a
real mess. You are basically sneaking something in under the radar
of the windows scheduler. Ugh. Thus my (tongue in cheek) comment
about someone creating the "appropriate" driver.

Similar issues in Unix.

Surprised nobody has mentioned QNX as a platform to do stuff like this.

My own preference is to have that timing critical stuff in its own box,
or on its own card. For fast networks, we would want the routers
there also, for the reasons you mention. For our typical slow networks,
a DOS box makes a nice protocol machine and router though, and
you can get old 386/486 boxes for free. Stick it over in the corner
and forget about it ... and run the applications on whatever OS you
happen to like.

--

... Hank

http://horedson.home.att.net

618. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 06:34:51 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9arfsb.ql6.nomail@linux.pe1chl.ampr.org>
Source record: 9108

Hank Oredson <horedson@att.net> wrote:

>Guess what I meant was "do" in the same sense Linux "does" Ax.25.
>Applications exist for dumb terminal mode use of the protocol,
>and also to hook it into the tcp/ip stack, but there may not be a
>driver available that just drops it into the socket library (or is there?)

Of course there is! How do you think FBB's BBS runs on Linux? It just
uses AX.25 sockets to interface to the AX.25 protocol that interfaces to
whatever hardware driver you have underneath.
Read before you bark.

>Same comments for NET/ROM, ROSE, TEXNET and the other
>L3/4 protocols.

Same comment.

>> There are, to my knowledge, no "soundcard" implementations of
>> neither PACTOR-II nor Clover for Linux.

>The problem is the protocols. Requires reverse engineering ...
>I know a bit about the internals of the CLOVER protocol,
>and suspect it would be "difficult" to reverse engineer, but
>not impossible. i.e. you would have to black box it.

That is why Linux coders are not interested. These are a different
group of people. Usually not seen near proprietary protocols and
boxes.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

619. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 07:50:05 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3AADD12D.1841A3DE@junglevision.com>
Source record: 9106

Hank Oredson wrote:
>
> "Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
> news:9qgr6.322$mQ4.2451@newsfeed.slurp.net...
> > > Maybe someday someone will create the appropriate driver.
> >
> > I don't think that even a Windows compliant driver would do it, Hank.
> > My understanding is that under Windows you have no control over when
> > your code will run - it runs when Windows tells it to run which gives
> > you no way to do critical timing. Even with DOS you can have problems
> > with things like disk access grabbing the processor and messing up
> > your timing algorithms. In DOS there were work arounds but they were
> > all messy and could get you into a lot of trouble. Windows seems to be
> > getting worse rather than better in that regard.
>
> The trick in your windows driver is to run it with interrupts off for the
> timing critical sections, and to have your own timer interrupt hardware
> to cause the interrupts to happen. It *is* a real mess to do this stuff
> in windows. There are commercial data acquisition cards that use
> this technique ... have seen the code for one of them, and it was a
> real mess. You are basically sneaking something in under the radar
> of the windows scheduler. Ugh. Thus my (tongue in cheek) comment
> about someone creating the "appropriate" driver.
>

Yeah, some extremely masochistic/saintly person out there, wanting to experience
huge pain, so that a bunch of ham radio pirates can rip him off. On top of that,
he'd probably get sued by the Pactor people for violating their patents. Ooh,
let's all line up for that. Heheh.

Don't the Winmodems do some comparable stuff in hardware?

I mean to mess with my HF packet setup some more. My work is finally
winding down, after a few months of serious heavy hours. Unfortunately, I decided
on remodeling my bathroom, rather than going for Pactor 2 modem. But, I
feel like getting back into it.

> Similar issues in Unix.
>
> Surprised nobody has mentioned QNX as a platform to do stuff like this.
>
> My own preference is to have that timing critical stuff in its own box,
> or on its own card. For fast networks, we would want the routers
> there also, for the reasons you mention. For our typical slow networks,
> a DOS box makes a nice protocol machine and router though, and

> you can get old 386/486 boxes for free. Stick it over in the corner
> and forget about it ... and run the applications on whatever OS you
> happen to like.

> --
>
> ... Hank
>
> http://horedson.home.att.net

620. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 08:30:15 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <cdhratobj068db9gkd9mk2258t0s9k06to@4ax.com>
Source record: 9107

On Mon, 12 Mar 2001 22:26:34 -0500, "Bob Lewis \(AA4PB\)"
<rlewis@staffnet.com> wrote:

>> Maybe someday someone will create the appropriate driver.

>I don't think that even a Windows compliant driver would do it, Hank.

I think Hank is referring to kernel mode device drivers that are
activated by an interrupt or by an application program call. Unless
you disable all interrupts, the expected latency can be predicted
quite reliably.

>My understanding is that under Windows you have no control over when
>your code will run - it runs when Windows tells it to run which gives
>you no way to do critical timing.

I don't know about Win9x, but at least a lightly loaded NT will wake
up from a multimedia timer event within 1 .. 3 ms with over 99 %
reliability in user mode.

At least previously, bad Ethernet, IDE and SVGA cards/drivers were
responsible for most of the huge time variations. Some video drivers
were trimmed for maximum AGP performance by not checking for other bus
requests during a transfer. Fortunately, new cards/drivers are much
better in this respect, since the need to implement various multimedia
(audio/video) applications can not tolerate such "asocial" driver
behaviour any more.

I don't think it is impossible to implement such low transfer rate
modes with a sensible division of labour between the kernel mode
driver, a user mode real time priority low level driver and normal
priority user interface process.

Paul OH3LWR

621. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 09:07:11 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9aropv.ql6.nomail@linux.pe1chl.ampr.org>
Source record: 9109

Hank Oredson <horedson@att.net> wrote:

>The trick in your windows driver is to run it with interrupts off for the
>timing critical sections, and to have your own timer interrupt hardware
>to cause the interrupts to happen. It *is* a real mess to do this stuff
>in windows. There are commercial data acquisition cards that use
>this technique ... have seen the code for one of them, and it was a
>real mess. You are basically sneaking something in under the radar
>of the windows scheduler. Ugh. Thus my (tongue in cheek) comment
>about someone creating the "appropriate" driver.

In most systems (Windows being a slight exception because it tries to offer
backward compatability with real mode, with complicated CPU mode switches
as a result) you can do many realtime things without involving the
scheduler at all.

Just as you can (except in Windows) handle interrupts from a fast serial
card without losing some, while the higher level system does not have a
real time scheduler.

The thing to do is write all realtime code as statemachines inside the
driver, and make sure that every event critical to the realtime operation
of the system is triggering a hardware interrupt (no polling).

Then, you can do everything in the interrupt handler for that specific
device, without involving the scheduler and thus without getting problems
on a non-real-time system. The only prerequisite is that the system does
not run long sections of code with interrupts disabled. Windows does.

The wellknow Baycom modem operates this way! It does all its activity
in a serial port interrupt handler, triggered by "transmit register empty"
interrupts that result from sending dummy data. This is the timing
reference for all the state machines.
Its driver does not need to do any context switching, the most it needs
to do is signal an upper layer that it has put another received packet into
a queue, or that it has taken another packet from a transmit queue. The
code running in user process space can then use that trigger to send more
data or read the received data. That is not so real-time-critical.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

622. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 09:32:10 UTC
From: magne@clustra.com
Message-ID: <m3bsr6815x.fsf@priscilla.radar.no>
Source record: 9110

nomail@rob.knoware.nl (Rob Janssen) writes:

> Hank Oredson <horedson@att.net> wrote:
> >The problem is the protocols. Requires reverse engineering ...
> >I know a bit about the internals of the CLOVER protocol,
> >and suspect it would be "difficult" to reverse engineer, but
> >not impossible. i.e. you would have to black box it.
>
> That is why Linux coders are not interested. These are a different
> group of people. Usually not seen near proprietary protocols and
> boxes.

It seems there is now a bit of tech. information out on Clover:
http://www.halcomm.com/techdocs.htm
esp. http://www.halcomm.com/docs/e2006.pdf

Whether it's sufficient to do an implementation or not, I'm not
sure..

Are there any protocol details available for Pactor-II ?

--Magne / la1bfa

623. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 13:24:18 UTC
From: Gilbert Baron <gbaron@home.com>
Message-ID: <6cpr6.90767$t67.1326664@news1.rdc1.il.home.com>
Source record: 9111

"Cathryn Mataga" <cathryn@junglevision.com> wrote in message
news:3AADD12D.1841A3DE@junglevision.com...
> Hank Oredson wrote:
> >
> > "Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
> > news:9qgr6.322$mQ4.2451@newsfeed.slurp.net...
> > > > Maybe someday someone will create the appropriate driver.
> > >
> > > I don't think that even a Windows compliant driver would do it, Hank.
> > > My understanding is that under Windows you have no control over when
> > > your code will run - it runs when Windows tells it to run which gives
> > > you no way to do critical timing. Even with DOS you can have problems
> > > with things like disk access grabbing the processor and messing up
> > > your timing algorithms. In DOS there were work arounds but they were
> > > all messy and could get you into a lot of trouble. Windows seems to be
> > > getting worse rather than better in that regard.
> >
> > The trick in your windows driver is to run it with interrupts off for
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> > timing critical sections, and to have your own timer interrupt hardware
> > to cause the interrupts to happen. It *is* a real mess to do this stuff
> > in windows. There are commercial data acquisition cards that use
> > this technique ... have seen the code for one of them, and it was a
> > real mess. You are basically sneaking something in under the radar
> > of the windows scheduler. Ugh. Thus my (tongue in cheek) comment
> > about someone creating the "appropriate" driver.
> >
>
> Yeah, some extremely masochistic/saintly person out there, wanting to
experience
> huge pain, so that a bunch of ham radio pirates can rip him off. On top
of that,
> he'd probably get sued by the Pactor people for violating their patents.
Ooh,
> let's all line up for that. Heheh.
>
> Don't the Winmodems do some comparable stuff in hardware?
>
> I mean to mess with my HF packet setup some more. My work is finally
> winding down, after a few months of serious heavy hours. Unfortunately, I
decided
> on remodeling my bathroom, rather than going for Pactor 2 modem. But, I
> feel like getting back into it.

That is great. It is also the reason that PACTOR and the other ARQ modes are doomed to extinction. The owners of the protocol patents refuse to license to other makers (at least at a reasonable fee) so you can't even buy ONE TNC that does them ALL. It is a ridiculous situation with all on a different standard. I quit and gave up on TNCs long ago and so have most others. I don't miss it one bit.
For anything you really need on Ham Radio the sound card programs provide it.

If you need error free transmission of data, use the internet.

>
> > Similar issues in Unix.
> >
> > Surprised nobody has mentioned QNX as a platform to do stuff like this.
> >
> > My own preference is to have that timing critical stuff in its own box,
> > or on its own card. For fast networks, we would want the routers
> > there also, for the reasons you mention. For our typical slow networks,
> > a DOS box makes a nice protocol machine and router though, and
> > you can get old 386/486 boxes for free. Stick it over in the corner
> > and forget about it ... and run the applications on whatever OS you
> > happen to like.
>
>
>
> > --
> >
> > ... Hank
> >
> > http://horedson.home.att.net

624. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 14:44:02 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Smqr6.7310$fw6.590253@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9112

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9arfsb.ql6.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >Guess what I meant was "do" in the same sense Linux "does" Ax.25.
> >Applications exist for dumb terminal mode use of the protocol,
> >and also to hook it into the tcp/ip stack, but there may not be a
> >driver available that just drops it into the socket library (or is there?)
>
> Of course there is! How do you think FBB's BBS runs on Linux? It just
> uses AX.25 sockets to interface to the AX.25 protocol that interfaces to
> whatever hardware driver you have underneath.

Cool! Do the PACTOR-II and CLOVER drivers exist?

> Read before you bark.

The topic was PACTOR-II and CLOVER.
Can you point me to those drivers?

> >Same comments for NET/ROM, ROSE, TEXNET and the other
> >L3/4 protocols.
>
> Same comment.
>
> >> There are, to my knowledge, no "soundcard" implementations of
> >> neither PACTOR-II nor Clover for Linux.
>
> >The problem is the protocols. Requires reverse engineering ...
> >I know a bit about the internals of the CLOVER protocol,
> >and suspect it would be "difficult" to reverse engineer, but
> >not impossible. i.e. you would have to black box it.
>
> That is why Linux coders are not interested. These are a different
> group of people. Usually not seen near proprietary protocols and
> boxes.

So why do they keep advocating Linux, even when the topic
is those proprietary protocols and boxes?

--

... Hank

http://horedson.home.att.net

625. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 14:48:59 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <vrqr6.7316$fw6.591239@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9113

"Magne M�hre" <magne@clustra.com> wrote in message
news:m3bsr6815x.fsf@priscilla.radar.no...
> nomail@rob.knoware.nl (Rob Janssen) writes:
>
> > Hank Oredson <horedson@att.net> wrote:
> > >The problem is the protocols. Requires reverse engineering ...
> > >I know a bit about the internals of the CLOVER protocol,
> > >and suspect it would be "difficult" to reverse engineer, but
> > >not impossible. i.e. you would have to black box it.
> >
> > That is why Linux coders are not interested. These are a different
> > group of people. Usually not seen near proprietary protocols and
> > boxes.
>
> It seems there is now a bit of tech. information out on Clover:
> http://www.halcomm.com/techdocs.htm
> esp. http://www.halcomm.com/docs/e2006.pdf

That level of information has been available for awhile.

> Whether it's sufficient to do an implementation or not, I'm not
> sure..

What's missing is the data structure of the frames.
i.e. the internal format of the CCB and data frames.
Also missing are the details of the error correction coding.

> Are there any protocol details available for Pactor-II ?

I've not seen much, others may know of some.

--

... Hank

http://horedson.home.att.net

626. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 17:35:37 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <iSsr6.284$Zj5.2736@newsfeed.slurp.net>
Source record: 9114

> If you need error free transmission of data, use the internet.

It doesn't work too well when the phone lines are out or if you're at sea or if you are located in some remote area with no phone service.

It would also seem to me that error free transmission using a sound card is completely possible. It's the timing requirements of Pactor and Clover that are a problem. A completely new protocol could work in a Windows environment if you are willing to relax the turn-around times for the ARQ (perhaps a modification of AX25). Packet lengths could automatically change so that when error rates are low you send long packets to improve the throughput and when error rates are high you send short packets to get them through and take a hit in the throughput. Some type of numbered acknowledgement system would probably help as well so that the sending station doesn't have to wait for an acknowledgement for a packet before sending the next one.

627. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-13 19:36:48 UTC
From: Rod <roderick.bannerman@rsbannerman.fsnet.co.uk>
Message-ID: <98lsfv$f72$1@newsg2.svr.pol.co.uk>
Source record: 9115

It may be of interest to some there is a pactor program that works with a soundcard. It was written by K6STI and runs under dos. Ritty 2.38. I've had it for a few years now with no problems.

Rod
GM4LUD

628. sankyo cp150b tape drive

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 00:26:40 UTC
From: John Couch <vk3jd@bigpond.com>
Message-ID: <XqQr6.21099$v5.65898@newsfeeds.bigpond.com>
Source record: 9122

many thanks to all who have read this message, I want to install this tape drive in my packet computer, unfortunately I have no software for this drive, sankyo USA can not help, and I have tried the web, but to date have no luck.

The unit is a scssi drive, any assistance would be appreciated.

My email ad is vk3jd@bigpond.com or by packet at vk3dse in Melbourne.

Regards
John.

629. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 05:11:13 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <R3Dr6.9367$Vg3.658636@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9116

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
news:iSsr6.284$Zj5.2736@newsfeed.slurp.net...
> > If you need error free transmission of data, use the internet.
>
> It doesn't work too well when the phone lines are out or if you're at
> sea or if you are located in some remote area with no phone service.
>
> It would also seem to me that error free transmission using a sound
> card is completely possible. It's the timing requirements of Pactor
> and Clover that are a problem. A completely new protocol could work in
> a Windows environment if you are willing to relax the turn-around
> times for the ARQ (perhaps a modification of AX25). Packet lengths
> could automatically change so that when error rates are low you send
> long packets to improve the throughput and when error rates are high
> you send short packets to get them through and take a hit in the
> throughput. Some type of numbered acknowledgement system would
> probably help as well so that the sending station doesn't have to wait
> for an acknowledgement for a packet before sending the next one.

This sounds like a very interesting idea. Take some of the ideas from
PACTOR-II, and some from CLOVER, and munge the ARQ timing
so longer delay (and some jitter) will not cause serious problems.

CLOVER can use three packet sizes now, and there is no reason
I can think of that would prohibit wider variation.

A lot of work though ...

--

... Hank

http://horedson.home.att.net

630. Re: Pactor with soundcard??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 05:12:08 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <I4Dr6.9369$Vg3.658809@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9117

"Rod" <roderick.bannerman@rsbannerman.fsnet.co.uk> wrote in message
news:98lsfv$f72$1@newsg2.svr.pol.co.uk...
> It may be of interest to some there is a pactor program that works with a
> soundcard. It was written by K6STI and runs under dos. Ritty 2.38. I've had
> it for a few years now with no problems.

Thanks for the pointer Rod.

--

... Hank

http://horedson.home.att.net

631. Re: PACKET RADIO with HP Omnibook 300 and modem AM7810

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 09:44:52 UTC
From: Boro <borislav.santini@pu.tel.hr>
Message-ID: <98ne9k$6vtd$1@as121.tel.hr>
Source record: 9118

Keith wrote in message ...
>On Mon, 12 Mar 2001 18:19:20 +0100, Boro
> <98j070$fotv$1@as121.tel.hr> wrote:
>
>>I'm looking for help from someone who have experience with specific
>>hardware.
>>I'm using HEWLETT PACKARD Omnibook 300 and 1200bd modem based on AM7810
>>with serial connection. The modem is tested and work correctly with
another
>>notebook (HP Omnibook 4100) or standard PC. The tested software are Baycom
>>and Grafic Program.
>>
>>The better way to see the problem is looking the traffic monitor. I can
>>receive the traffic
>>in the interval when the program is just starting. When the program is
>>started on,
>>I can't see anything new on the traffic monitor. When the program (Boycom)
>>goes to sleep
>>mode (screen saver) the monitor is received new traffic. After I touch the
>>keyboard
>>and deactivated the screen saver, traffic on the monitor stooped.
>>
>>Any advice for this problem would be appreciated.
>
>Turn off the screen saver and don't run Baycom from Windows.
>
>--
>Best Regards,
>
>Keith (Use Reply-to for email)
>---
--
>"Where would Christianity be if Jesus got eight to fifteen years with
>time off for good behavior?" NY State Senator James Donovan, speaking
>in support of capital punishment.
>---
-

Another one suplement:
I don't run Baycom from Windows and this screen saver is Baycom screen
saver.

Thanks, Boro 9A3KB

632. "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 13:00:49 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3aaf6ba0$1@news.enetis.net>
Source record: 9119
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Looking for suggestions regarding the interface
necessary for the stacking of TNC nodes using
some technology other than a pound of diodes.

Any input, other than the use of computers and
sound cards, would be really appreciated.

Thanks de John
..

633. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 15:46:04 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <0nMr6.8460$fw6.706353@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9120
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

There was an article, maybe in PSR, back in the mid to late 80's.
The idea was a small PCB with some 1488/1489 and a small
herd of logic chips to manage the contention for the shared
RS-232 bus via CTS/RTS.

The problem only occurs if the aggregate data rate of the TNCs
exceeds the data rate of the shared bus. This can happen, for
example, if there are more than 2 TNCs running at 9600 and
the RS-232 bus is run at 19,200 or slower.

One could envision running the shared bus at a much higher data
rate, muxing down to the TNC data rate for each TNC, and
having a bit of buffering. But now you are close to building
"a computer" :-)

My own opinion is that it is a lot simpler to use a computer
for this function, and to put the protocols there as well,
which also gains you the advantage of a single node list,
single routing table, etc. etc. The computer could be some
stand-alone single board device. This was done with the
Xerox 820 boards in 1985. Should still be references to
this work lurking somewhere under keywords like "dual
port digipeater" and "TEXNET".

I made the assumption you are talking about AX.25 and
NET/ROM protocols, with the TNCs talking to each
other via the NET/ROM serial protocol. Situation might
be slightly different for other radio protocols or other
serial protocols. Someone will certainly mention FLEXNET.

--

... Hank

http://horedson.home.att.net

"John Burch" <occupant@enetis.net> wrote in message
news:3aaf6ba0$1@news.enetis.net...
> Looking for suggestions regarding the interface
> necessary for the stacking of TNC nodes using
> some technology other than a pound of diodes.
>
> Any input, other than the use of computers and
> sound cards, would be really appreciated.
>
> Thanks de John

> ..
>
>
>

634. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-14 19:31:33 UTC
From: Rob Dover <rdover@bclc.stamp.out.spam.com>
Message-ID: <3AAFC714.F4DC33E5@bclc.stamp.out.spam.com>
Source record: 9121
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Check out the "COAX LAN" by PacComm. We have been using it on a 6 TNC
node stack for the last 2 or 3 years with no problems.
73 -Rob-

John Burch wrote:

> Looking for suggestions regarding the interface
> necessary for the stacking of TNC nodes using
> some technology other than a pound of diodes.
>
> Any input, other than the use of computers and
> sound cards, would be really appreciated.
>
> Thanks de John
> ..

635. AAVoice - digital voice of your radiostation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-15 10:06:50 UTC
From: Alexander Anipkin <aia@fnmail.com>
Message-ID: <98q4ap$30i5i$1@ID-52750.news.dfncis.de>
Source record: 9137

Did you tire speak in to the microphone during 48 hours of contest?
Does your outraged neighbours knock on door of your shack?
Does your wife cover up her head with pillow during night in order to
doesn't listen how you call rare DX in pill-up?

Free yourself from problems - use the AAVoice!

Once saved several sound files into the computer you would able to finish
work telephone contests didn't say a word!

Download it ftom http://www.dxsoft.com/aavoice.zip (~600k)

More details http://www.dxsoft.com/miaavoice.htm

636. Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-15 12:40:09 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <90654D7ACdarrylNOSPAMshecorac@207.126.101.100>
Source record: 9136

Greetings,

Since I started the Trusted QSL project it has become clear
to me that many different types of amateur internet services
has the same problem. How do I connect a call sign to
an E-Mail, web, logbook server and public keys?

I think I may have a solution. Call Sign Address Server (CSAS).
This would work along the same lines as DNS. There would be
a few root servers which will delegate request to "closer" servers.
This could one for that country or call area.

Any thoughts?

--

Darryl Wagoner - WA1GON

Join the Trusted QSL mailing list.

Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

637. JVComm32 and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-15 20:27:48 UTC
From: "Richard C. Ferryman" <Richard.Ferryman@btinternet.com>
Message-ID: <c892btop7vqlj8qha3ukqb2b3vsvqme34d@4ax.com>
Source record: 9139

I seem to have a lack of success with JVComm and Windows 2000. I get JVComm to control the sound card level but there is no audio showing in JVComm. Anyone have any ideas.
Richard

638. Re: JVComm32 and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 08:40:51 UTC
From: Markus Lenggenhager <markus.lenggenhager@nospam.philips.com>
Message-ID: <98sjh1$5hf$1@porthos.nl.uu.net>
Source record: 9142

"Richard C. Ferryman" <Richard.Ferryman@btinternet.com> wrote in message
news:c892btop7vqlj8qha3ukqb2b3vsvqme34d@4ax.com...
> I seem to have a lack of success with JVComm and Windows 2000. I get
> JVComm to control the sound card level but there is no audio showing
> in JVComm. Anyone have any ideas.
> Richard

Check if you have an additional audio device in your system. In my case
there was one associated with my modem. Somehow it disabled all soundcard
applications until I manually removed it.

73, Markus HB9BRJ

639. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 11:16:14 UTC
From: Jarno Savonen <oh6nj@nic.fi>
Message-ID: <Dzms6.6265$Jo1.134940@uutiset.nic.fi>
Source record: 9143
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Is there a place where we can find information about this COAX LAN? Just checked PacComm's webpage, but nothing there or just couldn't find it hihi.

73 de Jarno, OH6NJ

> Check out the "COAX LAN" by PacComm. We have been using it on a 6 TNC
> node stack for the last 2 or 3 years with no problems.

640. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 12:43:57 UTC
From: Robert Switzer <switzerr@lucent.com>
Message-ID: <3AB20A8C.29C29906@lucent.com>
Source record: 9138

Should you model it more on LDAP?

I think I may have a solution. Call Sign Address Server (CSAS).

> This would work along the same lines as DNS. There would be
> a few root servers which will delegate request to "closer" servers.
> This could one for that country or call area.
>
> Any thoughts?
>
> --
>
> Darryl Wagoner - WA1GON
>
> Join the Trusted QSL mailing list.
>
> Post message: TrustedQSL@yahoogroups.com
>
> Subscribe: TrustedQSL-subscribe@yahoogroups.com
>
> List owner: TrustedQSL-owner@yahoogroups.com

--
Robert Switzer wk (732) 949-4942 fax (732) 949-5212
Lucent Technologies rm. 4J-263, 101 Crawfords Corner Rd. Holmdel, NJ, 07733

641. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 14:59:09 UTC
From: esj@harvee.billerica.ma.us
Message-ID: <ulmq5ep4y.fsf@harvee.billerica.ma.us>
Source record: 9141

darryl_NOSPAM@shecora.com (Darryl Wagoner - WA1GON) writes:

> Greetings,
>
> Since I started the Trusted QSL project it has become clear
> to me that many different types of amateur internet services
> has the same problem. How do I connect a call sign to
> an E-Mail, web, logbook server and public keys?
>
> I think I may have a solution. Call Sign Address Server (CSAS).
> This would work along the same lines as DNS. There would be
> a few root servers which will delegate request to "closer" servers.
> This could one for that country or call area.

actually, you could use DNS virtually unmodified to do this. Instead
of posting a bunch of A, PTR, or MX records, you use some of the less
well-known features of bind such as TXT records.

totally rigged demo:

```
dig ka1eec.us.callsignlookup.com

; <<>> DiG 8.3 <<>> harvee.billerica.ma.us
;; res options: init recurs defnam dnsrch
;; got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4
;; flags: qr aa rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1
;; QUERY SECTION:
;; ka1eec.us.callsignlookup.com, type = TXT, class = IN

;; ANSWER SECTION:
ka1eec.us.callsignlookup.com. 10H IN TXT Eric S. Johansson:extra:01-01-2100:...

;; AUTHORITY SECTION:
ka1eec.us.callsignlookup.com. 10H IN NS us.callsignlookup.com

;; ADDITIONAL SECTION:
ka1eec.us.callsignlookup.com. 10H IN A 192.168.0.1

;; Total query time: 4 msec
;; FROM: harvee.billerica.ma.us to SERVER: default -- 192.168.0.1
;; WHEN: Fri Mar 16 09:54:08 2001
;; MSG SIZE sent: 40 rcvd: 86
```

642. TCXO small quantities

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 15:22:03 UTC
From: Dominik Kaelin <hkaelin@datacomm.ch>
Message-ID: <98tb24rbc1@rex.ip-plus.net>
Source record: 9010
Cross-posted to: alt.ham-radio.hf,alt.ham-radio.marketplace,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.digital.misc

Hi there !

anyone have an idea where i can order TCXO's in very small (3-5 pcs)
quantities for an acceptable price ?

Thanks

Dominik

643. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 15:39:21 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Jsqs6.1349$wQ3.122753@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9140

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:90654D7ACdarrylNOSPAMshecorac@207.126.101.100...
> Greetings,
>
> Since I started the Trusted QSL project it has become clear
> to me that many different types of amateur internet services
> has the same problem. How do I connect a call sign to
> an E-Mail, web, logbook server and public keys?

> I think I may have a solution. Call Sign Address Server (CSAS).
> This would work along the same lines as DNS. There would be
> a few root servers which will delegate request to "closer" servers.
> This could one for that country or call area.
>
> Any thoughts?

Who will pay for the servers?
Have you looked at the ARRL solution?
How about switchboard et al?

Would need interface for access by logging software.
i.e. needs an API, perhaps http.
Who will create and maintain the specification for this API?

What level of activity is expected (hits / day)?

What percentage of use is required to make it useful?
i.e. if only 5% of hams are listed, it's not yet useful.

How to convince hams to actually input their logs?

Just some random thoughts ...

--

... Hank

http://horedson.home.att.net

644. Re: TCXO small quantities

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 16:26:54 UTC
From: andy.pevy@nokia.com
Message-ID: <i9rs6.4811$m17.100435@news2.nokia.com>
Source record: 9123
Cross-posted to: alt.ham-radio.hf,alt.ham-radio.marketplace,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.digital.misc

In rec.radio.amateur.digital.misc Dominik Kaelin <hkaelin@datacomm.ch> wrote:
> Hi there !

Hi

> anyone have an idea where i can order TCXO's in very small (3-5 pcs)
> quantities for an acceptable price ?

What frequency ??.

> Thanks

> Dominik

Andy Pevy
G4XYW

--

We were always told that a million monkeys typing for a million years
would eventually produce the works of Shakespeare. Now, thanks to the
Internet, we know this is not true.

645. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 16:34:17 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <90667CFB8darrylNOSPAMshecorac@207.126.101.100>
Source record: 9124

switzerr@lucent.com (Robert Switzer) wrote in
<3AB20A8C.29C29906@lucent.com>:

>Should you model it more on LDAP?

LDAP might be a good solution. I haven't worked
that much with it. The only time I tried I found
the learning curve to use the libraries was very
steep, but I will take another look.

Thanks
--

Darryl Wagoner - WA1GON

Join the Trusted QSL mailing list.

Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

646. Re: TCXO small quantities

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 16:36:56 UTC
From: Dominik Kaelin <hkaelin@datacomm.ch>
Message-ID: <98tfeirrm1@rex.ip-plus.net>
Source record: 9125
Cross-posted to: alt.ham-radio.hf,alt.ham-radio.marketplace,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.digital.misc

```
>> anyone have an idea where i can order TCXO's in very small (3-5 pcs)
>> quantities for an acceptable price ?
>
>What frequency ??.

every frequency between 1 an 20 MHz is OK

Supply: 5V
Overall stability: <=3 PPM
Output: preferable HCMOS/TTL

but i would prefer the folowing values: 4, 8, 16 MHZ

i think your thoughts go more toward 13 MHz, right ? ;-)

Dominik
```

647. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 16:44:02 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <906679108darrylNOSPAMshecorac@207.126.101.100>
Source record: 9126

esj@harvee.billerica.ma.us (Eric S. Johansson) wrote in
<ulmq5ep4y.fsf@harvee.billerica.ma.us>:

> ka1eec.

This might work. Maybe the lookup program to pick off
the prefix and use it as a sub domain to delagate lookups.

The issues I see with this is:

1. difficult to added to application programs
2. delagation, might can be solved
3. difficult to automate. This too can be solved.

The #1 is the biggest issue, but it may have a solution.
I will check this out too.

thanks
--

Darryl Wagoner - WA1GON

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Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

648. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 16:47:51 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <90667D0B9darrylNOSPAMshecorac@207.126.101.100>
Source record: 9127

horedson@att.net (Hank Oredson) wrote in <Jsqs6.1349$wQ3.122753@bgtnsc04-news.ops.worldnet.att.net>:

>Who will pay for the servers?

My guess is there is enough hams running servers that
this wouldn't be a problem.

>Have you looked at the ARRL solution?

What ARRL solution?

>How about switchboard et al?

switchboard?

The last thing I won't to do is reinvent the wheel. If there
is a possible solution out there I am willing to look at it.

thanks
-darryl WA1GON

649. Software for FT-847

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 18:14:05 UTC
From: Bob <bharvey@iu.net>
Message-ID: <3ab25a0b_4@news1.prserv.net>
Source record: 9128
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Looking for the best overall software program for the FT-847. I am setting up an emergency net and currnetly have 50 frequencies in the log. I nee to be able to move to any of these frequencies quickly. Please reply to bharvey@iu.net

Thanks

Bob WB9LZO
bharvey@iu.net

650. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 19:28:10 UTC
From: John Burch <occupant@enetis.net>
Message-ID: <3ab26973@news.enetis.net>
Source record: 9130
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Jarno -

I sent Pac Comm an e-mail message and was told that the
COAX LAN product was discontinued and is no longer available.

Does anyone else have any ideas regarding a hardware
solution to "stacking" nodes? Hank mentioned the '1488/
'1489 method. Any other ideas out there that do NOT
require a computer?

Thanks

John

"Jarno Savonen" <oh6nj@nic.fi> wrote in message
news:Dzms6.6265$Jo1.134940@uutiset.nic.fi...
> Is there a place where we can find information about this COAX LAN? Just
> checked PacComm's webpage, but nothing there or just couldn't find it
hihi.
>
> 73 de Jarno, OH6NJ
>
> > Check out the "COAX LAN" by PacComm. We have been using it on a 6 TNC
> > node stack for the last 2 or 3 years with no problems.

651. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 21:49:18 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103162141170.14641-100000@exp.bde-arc.ampr.org>
Source record: 9129

On 16 Mar 2001, Eric S. Johansson wrote:
> darryl_NOSPAM@shecora.com (Darryl Wagoner - WA1GON) writes:
> > Since I started the Trusted QSL project it has become clear
> > to me that many different types of amateur internet services
> > has the same problem. How do I connect a call sign to
> > an E-Mail, web, logbook server and public keys?
> >
> > I think I may have a solution. Call Sign Address Server (CSAS).
> > This would work along the same lines as DNS. There would be
> > a few root servers which will delegate request to "closer" servers.
> > This could one for that country or call area.
>
> actually, you could use DNS virtually unmodified to do this. Instead
> of posting a bunch of A, PTR, or MX records, you use some of the less
> well-known features of bind such as TXT records.

That's right, especially since we already have a candidate domain, AMPR.ORG, where the next lower domain element (i.e. the "x" in "x.AMPR.ORG") is generally supposed to be a callsign. Although intended for just the packet radio network, nothing says that we must limit it to such if the local IP coordinators or Brian Kantor himself (the master maintainer of the domain) allows us to open it up for such.

The above forgot to mention CNAME-RR's, as in:

www.w6nut.ampr.org. IN CNAME www.435.org. ;controversial example

Of course, if there's no domain-to-domain mapping as there is for some URL's (e.g. www.x0x.ampr.org => ww.qsl.net/x0x), there can still be a "dummy" RHS which then gets resolved at one of those URL web-redirection services.

As far as calls=>e-mail addresses, well, the FCC has in one of its OPTIONAL licensing fields a field for the licensee's e-mail address. Granted that this takes care of the U.S. only, but why someone can't bother to do a lookup there is beyond me. (Remember that DNS mail services cannot resolve to a mailbox, only to a domain).

> totally rigged demo:
> [deleted]

652. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-16 23:23:01 UTC
From: gervais <gfillio1@globetrotter.qc.ca>
Message-ID: <lnys6.1896$Me7.59376@news.globetrotter.net>
Source record: 9131
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

hi all,go to
www.packetradio.com

there you will have your answer

gervais
ve2ckn

653. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 00:56:24 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <YCys6.2158$9J5.161452@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9132

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10103162141170.14641-100000@exp.bde-arc.ampr.org...

> That's right, especially since we already have a candidate domain, AMPR.ORG,
> where the next lower domain element (i.e. the "x" in "x.AMPR.ORG") is
generally
> supposed to be a callsign. Although intended for just the packet radio
> network, nothing says that we must limit it to such if the local IP
> coordinators or Brian Kantor himself (the master maintainer of the domain)
> allows us to open it up for such.

Some considerable discussion about this many years ago.

I notice some MX records now, so perhaps Brian (et al)
have moved away from the hard line taken previously.

The biggest question would be how to access that data.
i.e. allow everyone to update their own data.

--

... Hank

http://horedson.home.att.net

654. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 01:09:38 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <mPys6.2172$9J5.162377@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9133

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:90667D0B9darrylNOSPAMshecorac@207.126.101.100...
> horedson@att.net (Hank Oredson) wrote in <Jsqs6.1349$wQ3.122753@bgtnsc04-
> news.ops.worldnet.att.net>:
>
> >Who will pay for the servers?
>
> My guess is there is enough hams running servers that
> this wouldn't be a problem.

What happens when that ham forgets to pay his ISP?
Or when he changes ISP? Or gets bored?
The answer is probably distributed and replicated databases.
As mentioned by others, LDAP and DNS both have this property.

> >Have you looked at the ARRL solution?
>
> What ARRL solution?

An email mapping server, which also contains any other information
you want to put there, based on an address like w0rli@arrl.org
(or might be arrl.net ... didn't pay much attention).

> >How about switchboard et al?
>
> switchboard?

One of the many online information services.
Stick a "www" on the front, and a "com" on the back.
switchboard, net-fridge, four11 (eaten by yahoo, but the url stil
works), dozens of others. With many of them you can "register"
some name, and associate other information with that name.
Interface is http of course, with no xml to define the client API.

> The last thing I won't to do is reinvent the wheel. If there
> is a possible solution out there I am willing to look at it.

LDAP is designed for this sort of thing, but has one problem.
Like X.400, it is gross overkill for the problem at hand, not
to mention rather hard to maintain and code against.

Way back in the olden days, when WP was first discussed, I
looked at a lot of different ways things *might* be done ...
... and then did it differently because in 1984 nothing had come
together as much of a standard.

Note that WP was designed to handle exactly the kind of thing
you are looking at: various information in a database linked to
a callsign as primary key, with the ability to do queries via some
network connection (RF or internet). Some of the lessons
learned with that distributed database should be useful, and
sparked a few of my comments.

In my opinion, the three most important issues to address are:

1. Ownership of the database. Who (or what organization) has
the final responsibility to keep the master copy of the data.

2. A good and simple API so software authors will use it.

3. Good marketing to get hams to push the data into the database.

--

... Hank

http://horedson.home.att.net

655. Software for the Yaesu FT-847

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 02:30:19 UTC
From: Robert Harvey <bharvey@iu.net>
Message-ID: <%_zs6.8787$Fb7.847700@news5.aus1.giganews.com>
Source record: 9134
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Looking for the best overall software program for the FT-847. I am setting up an emergency net and currnetly have 50 frequencies in the log. I nee to be able to move to any of these frequencies quickly. Please reply to bharvey@iu.net

Thanks

Bob WB9LZO
bharvey@iu.net

656. ARRL domains - was Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 10:08:53 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103171006480.15653-100000@exp.bde-arc.ampr.org>
Source record: 9135

On Sat, 17 Mar 2001, Hank Oredson wrote:
> An email mapping server, which also contains any other information
> you want to put there, based on an address like w0rli@arrl.org
> (or might be arrl.net ... didn't pay much attention).

For everyone's reference:

arrl.net: Any [current w/ dues] ARRL member can get a mailbox in this domain.
arrl.org: Only ARRL officials (directors, staff, OO's) can get this domain.

I'm not certain how far down in their organization the second one extends.

657. Re: JVComm32 and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 12:53:31 UTC
From: "Richard C. Ferryman" <Richard.Ferryman@btinternet.com>
Message-ID: <h8n6bt8kd3f9t7kaqm2rjg0bpcqfaa2uas@4ax.com>
Source record: 9144

"Markus Lenggenhager" <markus.lenggenhager@nospam.philips.com> wrote:

>
>Check if you have an additional audio device in your system. In my case
>there was one associated with my modem. Somehow it disabled all soundcard
>applications until I manually removed it.
>
I have in the machine two sound cards: Echo Gina 8 channel card and
the standard sound card (Terratec Base 1 at present). If I remove
physically the Terratec card ten JVComm still does not see the echo
card at all so I cannot use that card for JVComm. If I disable the
Echo card there is no improvement, I still cannot see the audio from
the Terratec card. I can not physically remove the Echo card as it is
in constant use for work!
Richard

658. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 14:06:39 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <9067518C6darrylNOSPAMshecorac@207.126.101.100>
Source record: 9145

horedson@att.net (Hank Oredson) wrote in
<YCys6.2158$9J5.161452@bgtnsc06-news.ops.worldnet.att.net>:

>
>"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
>news:Pine.LNX.4.10.10103162141170.14641-100000@exp.bde-arc.ampr.org...

>Some considerable discussion about this many years ago.
>
>
>The biggest question would be how to access that data.
>i.e. allow everyone to update their own data.

That is one of the problems with the DNS solutions.
DNS isn't configuration isn't for the faint of heart.
The programming API doesn't seem well define either.
How does one get the MX record for a given name?

LDAP may work but it is a very heavy library.

73

--

Darryl Wagoner - WA1GON

Join the Trusted QSL mailing list.

Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

659. Re: ARRL domains - was Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 14:10:53 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <906758D2BdarrylNOSPAMshecorac@207.126.101.100>
Source record: 9146

kd6lvw@att.net (D. Stussy) wrote in
<Pine.LNX.4.10.10103171006480.15653-100000@exp.bde-arc.ampr.org>:

>arrl.net: Any [current w/ dues] ARRL member can get a mailbox in this
>domain. arrl.org: Only ARRL officials (directors, staff, OO's) can get
>this domain.

This doesn't really solve the problem. We need a lookup server
that it doesn't matter where your email or eqsl server is you
can find it.
--

Darryl Wagoner - WA1GON

Join the Trusted QSL mailing list.

Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

660. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 14:33:04 UTC
From: darryl_NOSPAM@shecora.com
Message-ID: <906760FC6darrylNOSPAMshecorac@207.126.101.100>
Source record: 9147

horedson@att.net (Hank Oredson) wrote in
<mPys6.2172$9J5.162377@bgtnsc06-news.ops.worldnet.att.net>:

>
>What happens when that ham forgets to pay his ISP?
>Or when he changes ISP? Or gets bored?
>The answer is probably distributed and replicated databases.
>As mentioned by others, LDAP and DNS both have this property.

Yes, I agree whole hearted! I don't think DNS would be flexable
enough.

>
>> >Have you looked at the ARRL solution?
>>
>> What ARRL solution?
>
>An email mapping server, which also contains any other information
>you want to put there, based on an address like w0rli@arrl.org
>(or might be arrl.net ... didn't pay much attention).

This doesn't really solve the problem because you still need
to know that that ham has a ARRL mail forwarder.

>LDAP is designed for this sort of thing, but has one problem.
>Like X.400, it is gross overkill for the problem at hand, not
>to mention rather hard to maintain and code against.

That is what I have found as well. We might be able to
create a wrapper to the complex code.

>In my opinion, the three most important issues to address are:
>
>1. Ownership of the database. Who (or what organization) has
>the final responsibility to keep the master copy of the data.

I would say more ownership or authority of the domain, but
like the DNS model responsibility can be delegated. Still
there need to be root servers to delegate.

I am willing to help get this started and can host it
for a while.

>2. A good and simple API so software authors will use it.

Also the API must use a non-restictive open source model.
To help promote the use by all software authors.

>3. Good marketing to get hams to push the data into the database.

I agree completely. Very good comments Hank!

73
--

Darryl Wagoner - WA1GON

Join the Trusted QSL mailing list.

Post message: TrustedQSL@yahoogroups.com

Subscribe: TrustedQSL-subscribe@yahoogroups.com

List owner: TrustedQSL-owner@yahoogroups.com

661. ICOM T7A for Packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 14:57:43 UTC
From: wb3gckDELETE@yahoo.com
Message-ID: <3ab37b26.2007806@news.compuserve.com>
Source record: 9148

Does anyone know how to wire an Icom T7A (or T7H) HT for packet? The
owner's manual doesn't really address packet use.

73, Craig WB3GCK
wb3gckDELETE@arrl.net
http://www.qsl.net/wb3gck/

To reply by email, remove "DELETE" from my address.

662. Re: JVComm32 and Windows 2000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 16:14:06 UTC
From: "Richard C. Ferryman" <Richard.Ferryman@btinternet.com>
Message-ID: <q737btkubb289bna9uh95jsb123muq1g5a@4ax.com>
Source record: 9149

I have now tried physically removing the Echo Gina card and JVComm
still fails to get audio from the system audio card (either type).
Richard

663. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 16:30:30 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <GiMs6.2838$wQ3.238732@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9150

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:9067518C6darrylNOSPAMshecorac@207.126.101.100...
> horedson@att.net (Hank Oredson) wrote in
> <YCys6.2158$9J5.161452@bgtnsc06-news.ops.worldnet.att.net>:
>
> >
> >"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> >news:Pine.LNX.4.10.10103162141170.14641-100000@exp.bde-arc.ampr.org...
>
> >Some considerable discussion about this many years ago.
> >
> >
> >The biggest question would be how to access that data.
> >i.e. allow everyone to update their own data.
>
> That is one of the problems with the DNS solutions.
> DNS isn't configuration isn't for the faint of heart.
> The programming API doesn't seem well define either.

Depends how one thinks about things. What is actually defined
is an interchange protocol (you send "this" and the server will
send you back "that"). I've tended to make my own library
of functions to drive the protocol, and expose an API that
I happen to like. Probably everyone does this.

> How does one get the MX record for a given name?

One can ask for specific record types in the query.
For DNS I think the harder question is how to administer the
servers, and allow everyone to update their own records.
DNS servers are usually very tightly controlled, with updates
checked by an administrator before they are applied.
However, I can see ways to automate everything, and the
same issues of authentication apply no matter what database
technology is chosen.

> LDAP may work but it is a very heavy library.

Exactly what I meant. Overkill for what is needed,
so perhaps forget about LDAP.

--

... Hank

http://horedson.home.att.net

664. Re: ARRL domains - was Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 16:42:18 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <KtMs6.2845$wQ3.239922@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9001

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:906758D2BdarrylNOSPAMshecorac@207.126.101.100...
> kd6lvw@att.net (D. Stussy) wrote in
> <Pine.LNX.4.10.10103171006480.15653-100000@exp.bde-arc.ampr.org>:
>
>
> >arrl.net: Any [current w/ dues] ARRL member can get a mailbox in this
> >domain. arrl.org: Only ARRL officials (directors, staff, OO's) can get
> >this domain.
>
> This doesn't really solve the problem. We need a lookup server
> that it doesn't matter where your email or eqsl server is you
> can find it.

The point I was getting at is the following ...

There are lots of services like arrl.org. Some of them allow you to
enter more information than just your username (callsign). So the
needed information can all be stored there, and queried via http.
The format in which the information is returned is different for
each server, and none that I know of supplies the XML that
defines the fields in the returned data. Thus it is "hard" to automate
such a query. It can be done of course, see www.yodlee.com for
a very good example of pulling together data from many web
sites that is all related to a single key (your login). Yodlee is
designed to aggregate financial data, but the concept would
work for any kind of data.

So what does all my babbling mean, anyway?

The technical part of this problem is easy to solve. There are
many ways to solve it. Before I retired, I designed web driven
database systems that did these things. It's all pretty easy, once
you decide exactly what is wanted. So first thing is to figure
out the requirements. Then figure out what resources are available
to implement (multiple servers with Oracle and Cold Fusion available?
Linux with mysql? windows 2000 and sql server? flat files and
CGI to run on "any OS"? do our own ISAM?).

But before any of the above become interesting excercises
(other than just babbling on some newsgroups) we need to
know if hams are interested in such a thing, and if they
would use it. In essence, a business plan is required.

With a convincing business plan, I would guess that a bunch
of volunteer software folks would build it for free.

--

... Hank

http://horedson.home.att.net

665. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 16:46:49 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ZxMs6.2854$wQ3.240497@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9002

"Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
news:906760FC6darrylNOSPAMshecorac@207.126.101.100...
> horedson@att.net (Hank Oredson) wrote in
> <mPys6.2172$9J5.162377@bgtnsc06-news.ops.worldnet.att.net>:

> >An email mapping server, which also contains any other information
> >you want to put there, based on an address like w0rli@arrl.org
> >(or might be arrl.net ... didn't pay much attention).
>
> This doesn't really solve the problem because you still need
> to know that that ham has a ARRL mail forwarder.

I had something slightly different in mind. If this kind of solution
were adopted, then the way you would "sign up for QSL service"
would be to register your callsign at the ARRL service, and
supply some specific additional information that could be
automatically retrieved from their server. Infomation like
your certificate, what logging software you used, etc.

Just an example of how things could be done.

net-fridge might be a better example.
Don't know if it is still online though, their business model
was based on banner ads ...

--

... Hank

http://horedson.home.att.net

666. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 18:07:28 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AB3A7E1.221FAB45@dioxine.com>
Source record: 9003

Hank Oredson wrote:

> "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> news:9067518C6darrylNOSPAMshecorac@207.126.101.100...
>
>
> > LDAP may work but it is a very heavy library.
>
> Exactly what I meant. Overkill for what is needed,
> so perhaps forget about LDAP.

LDAP is *exactly* the solution intended for this kind of problem. The
library may be a little daunting to get started with, but all new mainstream
directory service APIs and systems will be leveraging LDAP, unless something
remarkably significant comes along.

DNS is a much older kind of specialized directory service, and works very well
for what it is intended to do and has generally been well-implemented for
what it is usually used for. I'm not so certain that twisting DNS to do callsign-lookup
would be as satisfactory.

Certainly, if LDAP itself is too heavy-weight for what you want, an alternative is
build a proxy that leverages the advantages of LDAP while providing a light-weight
implementation of callsign lookup.

Dana K6JQ
dana@dioxine.com

667. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 18:19:03 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AB3AA86.83A9292B@dioxine.com>
Source record: 9004

Hank Oredson wrote:

> LDAP is designed for this sort of thing, but has one problem.
> Like X.400, it is gross overkill for the problem at hand, not
> to mention rather hard to maintain and code against.

The generality of LDAP also bring complexity, life just seems to
work that way. This is why I suggest building an ASP-style proxy
which makes us of the 'standard' off-the-sheld LDAP infrastructure.
You gain all the advantages of LDAP without exposing the end-user
clients to the complexity, and there can be a great many proxies.

> In my opinion, the three most important issues to address are:
>
> 1. Ownership of the database. Who (or what organization) has
> the final responsibility to keep the master copy of the data.
>
> 2. A good and simple API so software authors will use it.
>
> 3. Good marketing to get hams to push the data into the database.

Using proxies makes it easy to address #2; each kind of proxy can export
any desired API appropriate to the class of client. It effectively decouples
how the data is stored and managed from the specific API, thus permitting
competition where it makes sense.

However, the technology of how a database is implemented is virtually
irrelevant when discussing the intellectual property (IP) issue (#1) and
the marketing/promotion of the database (#3). Initiatives like UDDI
probably ease #3, or at least offer a reasonable option. Issue #1 is really
two issues; who owns and controls the data, and who hosts the data. The
two are separate though often confused as one.

Dana

668. New 6 Metre RealAudioFiles 17-3-2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 21:09:48 UTC
From: Andr&#65533; <vermonden@home.nl>
Message-ID: <woQs6.61998$KE1.2363268@zwoll1.home.nl>
Source record: 9005
Cross-posted to: nl.radio.amateur,nl.radio.scanners,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.scanner,z-netz.telecom.amateurfunk,z-netz.telecom.cb-funk

```
Hello, I have new 6 Meter RealAudio files on my homepage from 5U2K and
5N9EAM/6
Look at my homepage http://www.qsl.net/pa5wx
' 73 Andre PA5WX
```

669. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 21:42:01 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <JSQs6.3236$9J5.263221@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9006

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3AB3A7E1.221FAB45@dioxine.com...
>
>
> Hank Oredson wrote:
>
> > "Darryl Wagoner - WA1GON" <darryl_NOSPAM@shecora.com> wrote in message
> > news:9067518C6darrylNOSPAMshecorac@207.126.101.100...
> > >
> > >
> > > > LDAP may work but it is a very heavy library.
> > >
> > > Exactly what I meant. Overkill for what is needed,
> > > so perhaps forget about LDAP.
>
> LDAP is *exactly* the solution intended for this kind of problem. The
> library may be a little daunting to get started with, but all new mainstream
> directory service APIs and systems will be leveraging LDAP, unless something
> remarkably significant comes along.

I agree.

> DNS is a much older kind of specialized directory service, and works very
well
> for what it is intended to do and has generally been well-implemented for
> what it is usually used for. I'm not so certain that twisting DNS to do
callsign-lookup
> would be as satisfactory.

Also agree.

> Certainly, if LDAP itself is too heavy-weight for what you want, an
alternative is
> build a proxy that leverages the advantages of LDAP while providing a
light-weight
> implementation of callsign lookup.

The main issue with this, in my view, is the complexity of setting up
the LDAP servers, and the complexity of creating a useful API.

Been involved in both ... is a lot of work.

Anyway ... I'm not convinced the market exists.

> Dana K6JQ
> dana@dioxine.com

--

... Hank

http://horedson.home.att.net

670. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-17 21:50:23 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <z_Qs6.3246$9J5.263988@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9007

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3AB3AA86.83A9292B@dioxine.com...
>
>
> Hank Oredson wrote:
>
> > LDAP is designed for this sort of thing, but has one problem.
> > Like X.400, it is gross overkill for the problem at hand, not
> > to mention rather hard to maintain and code against.
>
> The generality of LDAP also bring complexity, life just seems to
> work that way. This is why I suggest building an ASP-style proxy
> which makes us of the 'standard' off-the-sheld LDAP infrastructure.
> You gain all the advantages of LDAP without exposing the end-user
> clients to the complexity, and there can be a great many proxies.

We are in agreement about the ASP style proxy.
Seems to me the best way to do the API.
I would tend to think http with the interface defined with XML.
API definition needs to come after the requirements though.

> > In my opinion, the three most important issues to address are:
> >
> > 1. Ownership of the database. Who (or what organization) has
> > the final responsibility to keep the master copy of the data.
> >
> > 2. A good and simple API so software authors will use it.
> >
> > 3. Good marketing to get hams to push the data into the database.
>
> Using proxies makes it easy to address #2; each kind of proxy can export
> any desired API appropriate to the class of client. It effectively decouples
> how the data is stored and managed from the specific API, thus permitting
> competition where it makes sense.

Exactly.
Data representation in the database decoupled from the data
representation in the API ... most important.

Needs to be some standard API, or several of them
if there is a requirement for more than one.

> However, the technology of how a database is implemented is virtually
> irrelevant when discussing the intellectual property (IP) issue (#1) and
> the marketing/promotion of the database (#3). Initiatives like UDDI
> probably ease #3, or at least offer a reasonable option. Issue #1 is really

> two issues; who owns and controls the data, and who hosts the data. The
> two are separate though often confused as one.

Agree. Any database, any API ... you still need to solve the various
"political and marketting problems" first. Otherwise there is little sense
in spending the work to create the various "how it's done" standards involved.

From the above ideas, it would make sense to split the "what to do" and
"how to do it" issues. They can be worked on by different people.

Also agree with your point to split issue #1 into it's constituant issues.
Different problems, can have different kinds of solutions.

Gee ... now that we know how to do it ... what next? (grin).

> Dana

--

... Hank

http://horedson.home.att.net

671. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 00:37:26 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9b80q5.t6u.nomail@linux.pe1chl.ampr.org>
Source record: 9009

Darryl Wagoner - WA1GON <darryl_NOSPAM@shecora.com> wrote:
>switzerr@lucent.com (Robert Switzer) wrote in
><3AB20A8C.29C29906@lucent.com>:

>>Should you model it more on LDAP?

>LDAP might be a good solution. I haven't worked
>that much with it. The only time I tried I found
>the learning curve to use the libraries was very
>steep, but I will take another look.

For this purpose, you don't have to use the libraries!
Learning to use the resolver libraries would not be easy either...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

672. Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 00:41:42 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9b8126.t6u.nomail@linux.pe1chl.ampr.org>
Source record: 9008

Darryl Wagoner - WA1GON <darryl_NOSPAM@shecora.com> wrote:
>LDAP may work but it is a very heavy library.

LDAP means: Lightweight Directory Access Protocol.

It is supposed to be a very lightweight approach as compared to other
protocols and APIs.

And after you have studied it a little, or use a somewhat higer level (e.g.
like provided in PHP), it isn't that hard.

I have set up an LDAP server that stores employee information for the
company I work for, and some access routines in PHP and Perl that are used
on the Intranet website, and after some study of the basics it was quite
simple.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

673. Re: "Stacking" nodes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 09:44:07 UTC
From: Gerko van Doesburg <pe1oyf@planet.nl>
Message-ID: <9926np$3j5jl$1@reader02.wxs.nl>
Source record: 9011
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

```
test
gervais <gfillio1@globetrotter.qc.ca> schreef in berichtnieuws
lnys6.1896$Me7.59376@news.globetrotter.net...
> hi all,go to
> www.packetradio.com
>
> there you will have your answer
>
> gervais
> ve2ckn
>
>
>
```

674. Re: WA4DSY Modems?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 14:18:55 UTC
From: "John F. Feist" <aa6qn@pacbell.net>
Message-ID: <3AB4C3CF.9D69BC23@pacbell.net>
Source record: 9012

San Diego has a 56k Node on Otay and I have three of them sitting here in my garage (one older kit type and two newer modems with MMT-432 Transverters).

Hank: Take a look at http://www.wa4dsy.net

73, John

TCNET058@ysub.ysu.edu wrote:

> Hi all,
> Just happened to drop in here and read some of the posts. Are folks
> still out there using WA4DSY modems at 56KB? I have 2 from the early
> part of the 90s still in use. But I had thought that packet radio except
> for cluster, had faded away.
> Nice to know some are still out there.
>
> 73s
>
> -Fred Sole
>
>
>

675. Re: JNOS and EtherNet's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 19:27:47 UTC
From: chris@cvine--nospam--.freeserve.co.uk
Message-ID: <3ab4ffe0.33614685@news.freeserve.net>
Source record: 9017

On Tue, 13 Mar 2001 02:58:57 GMT, "Hank Oredson" <horedson@att.net>
wrote:

[snip]

>
>I was aware of the AX.25 sound card work, but had not seen
>the Linux PSK31 work before. Thanks for the pointers.
>

The most complete archive of linux ham radio applications is at
http://radio.linux.org.au

There are four programs listed there which are available for PSK31 (of
these I prefer gpsk), and a wide variety of other programs for digital
radio, some using soundcards, and various ones for particular hardware
and TNCs.

Note that when you arrive at the page it will only show recent new
entries in the database. You need to click on the button showing the
categories of programs available in order to access the full database.
(I personally don't think the interface to the database is very well
done, but once you get into it there is a lot there).

Chris

--
If replying by e-mail, remove the --nospam--

676. IOTA

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 22:57:26 UTC
From: KB9YXM <kb9yxm@arrl.net>
Message-ID: <993ee6fjr1@ousrvr3.oulu.fi>
Source record: 9013

Hello everyone.
OH/KB9YXM here.
I wanted to let everyone know about the Finnish Club station OH8TA's Expedition to IOTA island Hailuto in the Gulf of Bothnia off of the Finnish coast near Oulu. We will be operating for three days from the university of Oulu's marine research station on the island.
We will be operating on HF VHF and UHF. The frequency for 6 meters will be 50.110USB. For other bands and frequencies please send an email message to oh8ta@oulu.fi
Operating conditions for 6 meters will be a Cushcraft 3 element Yagi, Yaesu ATAS-100 with GP and counterpoise, Yaesu FT-100@100-500Watts. The Yagi and ATAS-100 will be mounted atop the lighthouse station at 30-35 meters above sea-leval.
The dates will be April 6-8.

KB9YXM is a US operator currently living in Finland and very active on 50Mhz and above.
QSL to KB9YXM will be 100% via OH8TA

677. BPQ Related Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 23:26:19 UTC
From: "Marco, Gouda." <m-gorissen@wanadoo.nl>
Message-ID: <993g6m$2m70$1@buty.wanadoo.nl>
Source record: 9014

```
Just updated my BPQ related site :
http://come.to/bpq

73'- Marco (jo22ia)
```

678. microwave digital on AO14

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 23:35:28 UTC
From: Steve Carlisle <quatsein@island.net>
Message-ID: <01c0b008$e40602c0$b5eb34d1@p2-266>
Source record: 9015

Does anyone have any interest in operating experimental digital modes on the microwave bands on AO14? If you have that interest and equipment drop me a line.

Steve Carlisle

679. Re: microwave digital on AO14

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-18 23:45:30 UTC
From: Steve Carlisle <quatsein@island.net>
Message-ID: <01c0b00a$4b5cac20$b5eb34d1@p2-266>
Source record: 9016

Lets make that Oscar 40, where was my mind.

Steve

Steve Carlisle <quatsein@island.net> wrote in article
<01c0b008$e40602c0$b5eb34d1@p2-266>...
> Does anyone have any interest in operating experimental digital
> modes on the microwave bands on AO14? If you have that interest
> and equipment drop me a line.
>
> Steve Carlisle
>

680. Re: BPQ Related Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-19 03:36:56 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <s9ft6.5083$M%2.413828@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9018

Hi Marco.
I notice you have BPQETHER as (W0RLI?).
That is probably my BPQENET package, but a very old one.
The current version can always be found on my web site.

Better to put a link to it rather than copy an old version ... (smile)

--

... Hank

http://horedson.home.att.net

"Marco, Gouda." <m-gorissen@wanadoo.nl> wrote in message
news:993g6m$2m70$1@buty.wanadoo.nl...
> Just updated my BPQ related site :
> http://come.to/bpq
>
> 73'- Marco (jo22ia)
>
>

681. Help WinAPRS & pmapocx.ocx fails

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-19 04:03:13 UTC
From: greenr28@hotmail.com
Message-ID: <n40bbtg6hcf6c5ondu3malob7fce760d4k@4ax.com>
Source record: 9019

I'm having a problem with a friends computer, (IBM Clone, Intel PII-400, Win98SE, 128megs ram) that I am trying to get WinAPRS & Precision Mapping running on. I have had success installing the same setup in other computers with no problems what so ever. When I run the batch file from the pmapocx.zip file so WinAPRS will recognize the Precision Mapping files, RegSvr32 reports an error. WinAPRS runs OK, but doesn't know that Precision Mapping files are there. The error that RegSvr32 reports is:

RegSvr32
LoadLibrary("MAPOCX.OCX") failed.
GetLastError returns 0x00000002

The batch file is setup correctly, the files got copied OK, Precision Mapping files are in the correct directory, pmap30, in the root directory of the C drive. Has all the correct directories under it, and all the proper files in them. I've closed any and all other programs that were running, but it always comes up with that error every time. I've tried everything I can think of, different files from the other computers, running from a DOS window, etc, but nothing works. Can the information be entered into the registry manually? If so, what and where would be put into the registry. Any help would be much appreciated.

Please post any replies to this newsgroup.

Thanks for your time,

DB

682. Radprint Terminal Unit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-19 12:17:38 UTC
From: afrb2@cus.cam.ac.uk
Message-ID: <994td2$9ep$1@pegasus.csx.cam.ac.uk>
Source record: 9020

I'm trying to set up a terminal unit with a Creed 7E teleprinter as a newcommer to RTTY. I have now a second hand RADPRINT terminal unit which has a 5 pin DIN jack on the back marked TELEPRINTER, and this seems to carry the necessary 80V when the unit is idle. Is anyone familiar with the unit enough to help me figure out what the other sockets on the back are for!

Alan Bain
M5AIQ

683. AVOID TRIPOD WEB SERVICES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-20 18:11:50 UTC
From: Brian Short <k7on@earthlink.net>
Message-ID: <MPG.1521ad8057f4907b989699@news.earthlink.net>
Source record: 9021
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space

AVOID TRIPOD WEB SERVICES

Last weekend, Tripod removed all of my web
pages for "violating their acceptable use policies."

I could not figure what I had done, but I'm not
one to whine and I moved my pages to:

http://www.qsl.net/k7on/

Now, I receive the following:

Date: Tue, 20 Mar 2001 04:38:43 -0500 (EST)
From: membership@tripod.com
X-Authentication-Warning: bos-uhaul1.tripod.com: web set sender to
membership@tripod.com using -f
To: k7on@earthlink.net
subject: Your Tripod Membership

Dear Tripod Member,
We apologize for the removal of your site over the weekend. Due to some
technical errors, we mistakenly removed several member sites and are in
the process of restoring them. We did not single out you or your site,
please accept our apologies, your site has now been restored.

Sincerely,
The Tripod Team

--
http://www.qsl.net/k7on/
--

684. Re: AVOID TRIPOD WEB SERVICES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-20 19:52:03 UTC
From: panzer240@hotmail.com
Message-ID: <Xns906AA161CA0A0me109g6@142.177.129.14>
Source record: 9022
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space

Brian Short <k7on@earthlink.net> wrote in
<MPG.1521ad8057f4907b989699@news.earthlink.net>:

>AVOID TRIPOD WEB SERVICES
>
>Last weekend, Tripod removed all of my web
>pages for "violating their acceptable use policies."
>
>I could not figure what I had done, but I'm not
>one to whine and I moved my pages to:
>
>http://www.qsl.net/k7on/
>
>Now, I receive the following:
>
>Date: Tue, 20 Mar 2001 04:38:43 -0500 (EST)
>From: membership@tripod.com
>X-Authentication-Warning: bos-uhaul1.tripod.com: web set sender to
>membership@tripod.com using -f
>To: k7on@earthlink.net
>subject: Your Tripod Membership
>
>Dear Tripod Member,
>We apologize for the removal of your site over the weekend. Due to some
>technical errors, we mistakenly removed several member sites and are in
>the process of restoring them. We did not single out you or your site,
>please accept our apologies, your site has now been restored.
>
>Sincerely,
>The Tripod Team

Ummmm..... gee looks like the people working at Tripod are human
after all and make mistakes just like you and me. At least they were men
enough to apologize and make things right. Whar's your beef or do you just
like to whine and moan.

Panzer

685. Re: AVOID TRIPOD WEB SERVICES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-20 19:53:29 UTC
From: Jeff Weinberg <jjweinb@earthlink.net>
Message-ID: <ZyOt6.13751$Im6.1452667@newsread1.prod.itd.earthlink.net>
Source record: 9023
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space

Sounds to me that it was a "sign" for you to move your pages to QSL.net.
That's where I have mine, and have been very happy there. I'd pass on
Tripod for the future, if it were me.

Jeff W.
W0QO

"Brian Short" <k7on@earthlink.net> wrote in message
news:MPG.1521ad8057f4907b989699@news.earthlink.net...
>
> AVOID TRIPOD WEB SERVICES
>
> Last weekend, Tripod removed all of my web
> pages for "violating their acceptable use policies."
>
> I could not figure what I had done, but I'm not
> one to whine and I moved my pages to:
>
> http://www.qsl.net/k7on/
>
> Now, I receive the following:
>
> Date: Tue, 20 Mar 2001 04:38:43 -0500 (EST)
> From: membership@tripod.com
> X-Authentication-Warning: bos-uhaul1.tripod.com: web set sender to
> membership@tripod.com using -f
> To: k7on@earthlink.net
> subject: Your Tripod Membership
>
> Dear Tripod Member,
> We apologize for the removal of your site over the weekend. Due to some
> technical errors, we mistakenly removed several member sites and are in
> the process of restoring them. We did not single out you or your site,
> please accept our apologies, your site has now been restored.
>
> Sincerely,
> The Tripod Team
>
> --
> http://www.qsl.net/k7on/
> --
>

686. Re: ARRL domains - was Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-20 21:06:00 UTC
From: Darryl Wagoner <dwagoner@shecora.com>
Message-ID: <3AB7C637.B4BBE41B@shecora.com>
Source record: 9024

Hank Oredson wrote:

>
> So what does all my babbling mean, anyway?
>
> The technical part of this problem is easy to solve. There are

It is easy to solve badly. I not sure if it is as easy to solve
well. The simple solution is to hook a web server up
to a database and start promoting it. But that is what
QRZ.COM and Buckmaster.net is doing. The problem
with these services is there isn't an API into the database. I think this is

important. These folks sales CD with this information on it. That
in itself would lead me to believe that there is a market for it.

> many ways to solve it. Before I retired, I designed web driven
> database systems that did these things. It's all pretty easy, once
> you decide exactly what is wanted. So first thing is to figure
> out the requirements. Then figure out what resources are available
> to implement (multiple servers with Oracle and Cold Fusion available?
> Linux with mysql? windows 2000 and sql server? flat files and
> CGI to run on "any OS"? do our own ISAM?).

Yes I agree this is a good first step. Here is what I believe
the requirements should be:

1. Easy open source API interface. It should be easy for
every software vendor to add it to there feature set.

2. There should be replication around the Internet. Information
should be pushed out to other servers.

3. The backend servers should use open source software as much
as possible. The backend servers must at least use a open standard
for data exchange.

4. Some type of anti-spam protection. Not sure how to do this one,
but I do have some ideas. We don't want Heath downloading
all the emails and spaming us. HI HI

5. A secure way to update one's own info.

That is all I can think of now.

73
Darryl WA1GON

687. Re: ARRL domains - was Re: Call sign server aka DNS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-21 03:31:45 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <BgVt6.8509$wQ3.645963@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9025

"Darryl Wagoner" <dwagoner@shecora.com> wrote in message
news:3AB7C637.B4BBE41B@shecora.com...
> Hank Oredson wrote:
>
> >
> > So what does all my babbling mean, anyway?
> >
> > The technical part of this problem is easy to solve. There are
>
> It is easy to solve badly. I not sure if it is as easy to solve
> well. The simple solution is to hook a web server up
> to a database and start promoting it. But that is what
> QRZ.COM and Buckmaster.net is doing. The problem
> with these services is there isn't an API into the database. I think this is
>
> important. These folks sales CD with this information on it. That
> in itself would lead me to believe that there is a market for it.
>
> > many ways to solve it. Before I retired, I designed web driven
> > database systems that did these things. It's all pretty easy, once
> > you decide exactly what is wanted. So first thing is to figure
> > out the requirements. Then figure out what resources are available
> > to implement (multiple servers with Oracle and Cold Fusion available?
> > Linux with mysql? windows 2000 and sql server? flat files and
> > CGI to run on "any OS"? do our own ISAM?).
>
> Yes I agree this is a good first step. Here is what I believe
> the requirements should be:
>
> 1. Easy open source API interface. It should be easy for
> every software vendor to add it to there feature set.
>
> 2. There should be replication around the Internet. Information
> should be pushed out to other servers.
>
> 3. The backend servers should use open source software as much
> as possible. The backend servers must at least use a open standard
> for data exchange.
>
> 4. Some type of anti-spam protection. Not sure how to do this one,
> but I do have some ideas. We don't want Heath downloading
> all the emails and spaming us. HI HI
>
> 5. A secure way to update one's own info.

>
> That is all I can think of now.
>
> 73
> Darryl WA1GON

Agree in general with those five requirements. By "easy to solve"
I actually meant "I've done something almost exactly like this, more
than once, and found it easy to accomplish." Posted some specific
ideas elsewhere in the thread.

--

... Hank

http://horedson.home.att.net

688. Dual Soundcards for Win 98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-21 04:41:54 UTC
From: theplanters95@aol.comnospam
Message-ID: <20010320234154.12952.00000099@ng-fv1.aol.com>
Source record: 9026

I am thinking of adding a second soundcard to my Win 98PC for the digital modes. Any advice or concerns?

Randy Ka4nma

PS. Please remove the no spam notice in my address.

689. Re: AVOID TRIPOD WEB SERVICES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-21 11:58:09 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <3AB89751.AFACB68D@bloomer.net>
Source record: 9027
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space

My dad always told me, "You get what you pay for." I guess since Tripod is free, you can't complain. I keep several pages on Tripod...never had a bit of trouble. I also keep every file on Tripod's site on my computer just in case there is ever a problem. Haven't had to use the backup plan yet and I've been with Tripod for about 3 years now. I guess it's a "sign" you should keep backup files of everything on your computer anyway. You HAVE been doing that haven't you? Ever "lost" anything on your computer at home?

--Scott N0EDV--
1986 Corben Junior Ace N3642
http://corbenflyer.tripod.com/
RV-4 under construction (tail feathers)

Gotta Fly or Gonna Die!

Brian Short wrote:
>
> AVOID TRIPOD WEB SERVICES
>
> Last weekend, Tripod removed all of my web
> pages for "violating their acceptable use policies."
>
> I could not figure what I had done, but I'm not
> one to whine and I moved my pages to:
>
> http://www.qsl.net/k7on/
>
> Now, I receive the following:
>
> Date: Tue, 20 Mar 2001 04:38:43 -0500 (EST)
> From: membership@tripod.com
> X-Authentication-Warning: bos-uhaul1.tripod.com: web set sender to
> membership@tripod.com using -f
> To: k7on@earthlink.net
> subject: Your Tripod Membership
>
> Dear Tripod Member,
> We apologize for the removal of your site over the weekend. Due to some
> technical errors, we mistakenly removed several member sites and are in
> the process of restoring them. We did not single out you or your site,
> please accept our apologies, your site has now been restored.
>

> Sincerely,
> The Tripod Team
>
> --
> http://www.qsl.net/k7on/
> --

--

690. Re: Dual Soundcards for Win 98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-21 22:33:29 UTC
From: dvari <dvari@adelphia.net>
Message-ID: <Z_9u6.2004$l61.375531@news1.news.adelphia.net>
Source record: 9028

Watch those pestky IRQ's !!
de dave

Theplanters95 <theplanters95@aol.comnospam> wrote in message
news:20010320234154.12952.00000099@ng-fv1.aol.com...
> I am thinking of adding a second soundcard to my Win 98PC for the digital
> modes. Any advice or concerns?
>
>
> Randy Ka4nma
>
> PS. Please remove the no spam notice in my address.

691. M8000 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-22 04:35:23 UTC
From: Keith <khgrant@ix.netcom.com>
Message-ID: <99bva4rtl1@slb4.atl.mindspring.net>
Source record: 9029

I'm curious about the Universal decoder boxes (M5000, M6000, M7000, etc).
I know they have printer and monitor ports on them, but what about a serial
connection?

Seems like you would want to hook it up to your PC instead of spewing onto
paper.

Anybody know?

Regards,

Keith

692. Re: M8000 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-22 12:24:16 UTC
From: Ted Hay <tedh@xcelco.on.ca>
Message-ID: <tbjt53rdl3d068@corp.supernews.com>
Source record: 9030

The M7000 and I suspect the others have a serial port. Its wired to a mil spec so the pinouts differ from a standard db25. I put my own db9 on the M7000 and wired it correctly. If memory is correct Scancat offered a adapter plug and I'm sure it would not be difficult to roll your own. The manual identifies the pinout.

Ted
Keith <khgrant@ix.netcom.com> wrote in message
news:99bva4rtl1@slb4.atl.mindspring.net...
>
> I'm curious about the Universal decoder boxes (M5000, M6000, M7000, etc).
> I know they have printer and monitor ports on them, but what about a
serial
> connection?
>
> Seems like you would want to hook it up to your PC instead of spewing onto
> paper.
>
> Anybody know?
>
> Regards,
>
> Keith

693. Re: M8000 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-22 14:03:06 UTC
From: Keith <khgrant@ix.netcom.com>
Message-ID: <99d0hf$3su$1@slb1.atl.mindspring.net>
Source record: 9031

Ted Hay wrote:

> The M7000 and I suspect the others have a serial port. Its wired to a mil
> spec so the pinouts differ from a standard db25. I put my own db9 on the
> M7000 and wired it correctly. If memory is correct Scancat offered a
> adapter plug and I'm sure it would not be difficult to roll your own. The
> manual identifies the pinout.
>
> Ted
> Keith <khgrant@ix.netcom.com> wrote in message
> news:99bva4rtl1@slb4.atl.mindspring.net...
> >
> > I'm curious about the Universal decoder boxes (M5000, M6000, M7000,
> > etc). I know they have printer and monitor ports on them, but what about
> > a
> serial
> > connection?
> >
> > Seems like you would want to hook it up to your PC instead of spewing
> > onto paper.
> >
> > Anybody know?
> >
> > Regards,
> >
> > Keith
>
>

How do you like the M7000? I'm interested in getting a decoder of some sort. Would I be better off with one of the M*000 series, or are there better choices today?

Thanks,

Keith

694. PCR-1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-22 23:55:07 UTC
From: Radiopi <jtejada@mi.madritel.es>
Message-ID: <99e332$1gk3@noticias.madritel.es>
Source record: 9032

> Same any how to conec the radio witH the KAN and the computer?
> Many Thanks
> My email is jtejada@mi.madritel.es

695. Interface RF modem to Handheld radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-23 03:19:22 UTC
From: Brew99 <bruce-icq@home.com>
Message-ID: <_gzu6.38647$V6.165281@news1.gvcl1.bc.home.com>
Source record: 9033

I am trying to interface a modem to a handheld radio through the speaker/mic plugs on the radio. I can get the radio and modem to receive data, but I cannot get the tx, because I don't know how to create the simulation of the PTT. If I manually press the PTT, it works fine, but what I really need is for the modem to switch a line which will then simulate the PTT (say from a mic).

Is there a circuit I can use? I would imagine the spkr/mic combinations one can get, have some circuitry in them to do this.

By the way, the mic jack on the radio only has two posible connections to the socket, and not a seperate one for the PTT.

Any help would appreciated,
Bruce

696. NEED KAM MANUAL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-23 18:16:09 UTC
From: Bruce9999 <ve6hdo@telusplanet.net>
Message-ID: <JpMu6.50430$tr5.5541796@news1.telusplanet.net>
Source record: 9034

I have a Kam Plus ver 8.2
I need the manual for this version. I received a photo copy
of a version 7.0, but this does not cover much about GPS

thanks..........Bruce

697. Re: Interface RF modem to Handheld radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-23 21:03:26 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3ABBBA1E.A7639F1@primeline.net>
Source record: 9035

What brand/model radio? Icom/Yaesu pull the Tx audio to ground through a
2.2k resistor.

Brew99 wrote:
>
> I am trying to interface a modem to a handheld radio through the speaker/mic
> plugs on the radio. I can get the radio and modem to receive data, but I
> cannot get the tx, because I don't know how to create the simulation of the
> PTT. If I manually press the PTT, it works fine, but what I really need is
> for the modem to switch a line which will then simulate the PTT (say from a
> mic).
>
> Is there a circuit I can use? I would imagine the spkr/mic combinations
> one can get, have some circuitry in them to do this.
>
> By the way, the mic jack on the radio only has two posible connections to
> the socket, and not a seperate one for the PTT.
>
> Any help would appreciated,
> Bruce

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
-----== Over 80,000 Newsgroups - 16 Different Servers! =-----

698. Re: Interface RF modem to Handheld radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-23 23:37:28 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103232337540.27482-100000@exp.bde-arc.ampr.org>
Source record: 9036

Did you try one of the radio-to-TNC wiring web sites?

On Fri, 23 Mar 2001, Brew99 wrote:
> I am trying to interface a modem to a handheld radio through the speaker/mic
> plugs on the radio. I can get the radio and modem to receive data, but I
> cannot get the tx, because I don't know how to create the simulation of the
> PTT. If I manually press the PTT, it works fine, but what I really need is
> for the modem to switch a line which will then simulate the PTT (say from a
> mic).
>
> Is there a circuit I can use? I would imagine the spkr/mic combinations
> one can get, have some circuitry in them to do this.
>
> By the way, the mic jack on the radio only has two posible connections to
> the socket, and not a seperate one for the PTT.
>
> Any help would appreciated,
> Bruce

699. Cheap 4 port TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-25 12:41:45 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <63pk99.gep.ln@news.freeserve.net>
Source record: 9037
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc,uk.radio.amateur

Greetings all

I've updated the club web site with details of some hardware I've acquired from a client who is scrapping a network. This comms equipment has been used here for over 5 years as a substitute for a TNC with 4 modem ports per board (I actually use 8 radio ports).

I've put all the details about the 4 port TNCs onto the club web site along with pictures of the kit, modifications, interface wiring, software capabilities.

Since there are about 100 of these boards available I've made the info as comprehensive as possible so as to make the use of this hardware as simple as possible - I'd really like it to be used after all the effort I've put in to get it and write the software for it!!

Any outstanding queries I'll try and answer by putting an FAQ on the web site.

Thames Valley IP User Group - http://www.tvipug.org -- using the Internet as a resource, not as a substitute for radio...

--
Robin

Internet: g8ecj@abmdata.demon.co.uk http://www.gb7ipd.freeserve.co.uk/
Anorak mode = Shack: (+44) 1628 533311 Fax: (+44) 1628 850165
Club pages (g4xyw modem etc) at http://www.tvipug.org

700. Problems with AGWPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-27 14:55:18 UTC
From: Adam Adkins <km5nNoSpam@earthlink.net>
Message-ID: <MPG.152a662a585e0fdd989685@news.earthlink.net>
Source record: 9038

My latest project is a foray into packet spotting clusters, using AGWPE. It is taking a fair bit of time to get everything working, and it seems that after each problem is solved, another takes its place. I would certainly appreciate any suggestions or observations.

First, the environment. The computer is a 233 MHz Pentium. I am using a generic sound card for the TNC, single channel, 1200 bps. The OS is Windows NT Workstation 4.0 with SP6 installed. The sound card and interface setup works wonderfully for PSK31. The radio is a Kenwood TS-790A, and the cable plugs into ACC2 on the back panel.
The cable is the Kenwood 13 pin mini DIN plug, with pins 3,4 (audio in), 8,9 (audio out), and 11,12 (PTT) connected. The PTT switching is done via RTS.

The specific problem is that the AGWPE application seems to be deaf. It does not recognize incoming packets, i.e., the red and green lights on the little menu bar TNC icon do not flash. I have verified that signal is reaching the sound card, and that the serial port configuration is correct. IP support is not enabled on the AGWPE installation. The app will load properly, and to all appearances seems to be fine, but just can't hear.
I have verified the sound card, serial port, and interface configuration on AGWPE. I have also verified that the radio is tuned to a packet frequency and shows a good signal level. At this point I am rather lost about what to try next.

Suggestions or ideas are welcome. Apologies in advance for the spam blocked return address. I know it's a pain, but it sure keeps the spam out of my mailbox.

Thanks!

73,

Adam Adkins, KM5N
(remove NoSpam to reply)

701. Re: Problems with AGWPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-27 15:58:30 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <pGlZPhAEcLw6EwkB@peaksys.co.uk>
Source record: 9039

In article <MPG.152a662a585e0fdd989685@news.earthlink.net>, Adam Adkins
<km5nNoSpam@earthlink.net> writes
>
> The specific problem is that the AGWPE application seems to be
>deaf. It does not recognize incoming packets, i.e., the red and green
>lights on the little menu bar TNC icon do not flash. I have verified
>that signal is reaching the sound card, and that the serial port
>configuration is correct. IP support is not enabled on the AGWPE
>installation. The app will load properly, and to all appearances seems
>to be fine, but just can't hear.
> I have verified the sound card, serial port, and interface
>configuration on AGWPE. I have also verified that the radio is tuned
>to a packet frequency and shows a good signal level. At this point I am
>rather lost about what to try next.

A few thoughts:-

Have you enabled line-in on the Windows volume control *record*
properties?

Are you sure you're using the correct channel?

You say you have verified the configuration, but against what? Another
working system or what you think it should be?

What version of AGWPE are you using?

When you look at the port in the AGWPE "RadioPort Selection" list, does
it have the word "idle" against it? If it does, then there's something
wrong with the configuration.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

702. Kam

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-27 16:13:27 UTC
From: ldupree@coastalnet.com
Message-ID: <00010226070058.OUI34.ldupree@coastalnet.com>
Source record: 9040

What is a good selling price for a Kam 8.0.. No cables(do have some software programs for it)? Thank you. Louis/W4NRG
ldupree@coastalnet.com

703. Re: Problems with AGWPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-27 17:57:59 UTC
From: Adam Adkins <km5nNoSpam@earthlink.net>
Message-ID: <MPG.152a90f6c0d7cd22989686@news.earthlink.net>
Source record: 9041

[This followup was posted to rec.radio.amateur.digital.misc and a copy
was sent to the cited author.]

In article <pGlZPhAEcLw6EwkB@peaksys.co.uk>, roger@peaksys.co.uk says...
> Have you enabled line-in on the Windows volume control *record*
> properties?

Yes, that is enabled and working.

> Are you sure you're using the correct channel?

Hmm. I certainly think so. I have it configured for a single
channel, and that is the only one in use.

> You say you have verified the configuration, but against what? Another
> working system or what you think it should be?

Not having a working system to compare it to, I have been using a
guide another friendly ham made up. "Sound Card Packet," written by
Ralph Milnes, KC2RLM, goes into considerable detail about installation,
configuration and use. Whether it is entirely correct is another story,
but it is logical and consistent, and based on techniques that actually
worked. Nothing stands out as a glaring error, anyway.

> What version of AGWPE are you using?

Version is 2000.78

> When you look at the port in the AGWPE "RadioPort Selection" list, does
> it have the word "idle" against it? If it does, then there's something
> wrong with the configuration.

No, it does not indicate "idle" (at least that I recall). I'll
have to check that.

Thanks for the response.

73,

Adam, KM5N

704. sstv operation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-28 12:30:45 UTC
From: Manos <pelamare@her.forthnet.gr>
Message-ID: <985782643.936709@athnrd02.forthnet.gr>
Source record: 9042

Hi,
I have a problem using ChromaPIX with my TS-2000. I have no problem receiving.When I try to transmit, PTT, no data (audio->acc2.pin11) is being transmitted.
I know the audio is coming out of the sound card, and have pinned out my cable.I generate many times the Test Tone and the TS2000 keys up, but no audio is present.
I've tried adjusting audio levels without success.
Is there something else I may have overlooked?
Thanks in advance
Manos
SV9ANJ
pelamare@her.forthnet.gr

705. sstv operation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-28 12:31:31 UTC
From: Manos <pelamare@her.forthnet.gr>
Message-ID: <985782690.354431@athnrd02.forthnet.gr>
Source record: 9043

Hi,
I have a problem using ChromaPIX with my TS-2000. I have no problem receiving.When I try to transmit, PTT, no data (audio->acc2.pin11) is being transmitted.
I know the audio is coming out of the sound card, and have pinned out my cable.I generate many times the Test Tone and the TS2000 keys up, but no audio is present.
I've tried adjusting audio levels without success.
Is there something else I may have overlooked?
Thanks in advance
Manos
SV9ANJ
pelamare@her.forthnet.gr

706. Re: Problems with AGWPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-28 17:04:51 UTC
From: Patrick Johnson <kirilian@hiwaay.net>
Message-ID: <eOow6.5355$JS5.1000319@e3500-chi1.usenetserver.com>
Source record: 9044

I found a good website that helped me get AGWPE configured and working correctly.

http://www.qsl.net/soundcardpacket/index.html

Hope this helps!
73 de Patrick, KF4EEI

Adam Adkins <km5nNoSpam@earthlink.net> wrote in message news:MPG.152a662a585e0fdd989685@news.earthlink.net...
> My latest project is a foray into packet spotting clusters, using
> AGWPE. It is taking a fair bit of time to get everything working, and it
> seems that after each problem is solved, another takes its place. I
> would certainly appreciate any suggestions or observations.
>
> First, the environment. The computer is a 233 MHz Pentium. I am
> using a generic sound card for the TNC, single channel, 1200 bps. The OS
> is Windows NT Workstation 4.0 with SP6 installed. The sound card and
> interface setup works wonderfully for PSK31. The radio is a Kenwood TS-
> 790A, and the cable plugs into ACC2 on the back panel.
> The cable is the Kenwood 13 pin mini DIN plug, with pins 3,4
> (audio in), 8,9 (audio out), and 11,12 (PTT) connected. The PTT
> switching is done via RTS.
>
> The specific problem is that the AGWPE application seems to be
> deaf. It does not recognize incoming packets, i.e., the red and green
> lights on the little menu bar TNC icon do not flash. I have verified
> that signal is reaching the sound card, and that the serial port
> configuration is correct. IP support is not enabled on the AGWPE
> installation. The app will load properly, and to all appearances seems
> to be fine, but just can't hear.
> I have verified the sound card, serial port, and interface
> configuration on AGWPE. I have also verified that the radio is tuned
> to a packet frequency and shows a good signal level. At this point I am
> rather lost about what to try next.
>
> Suggestions or ideas are welcome. Apologies in advance for the
> spam blocked return address. I know it's a pain, but it sure keeps the
> spam out of my mailbox.
>
> Thanks!
>
> 73,
>
> Adam Adkins, KM5N

> (remove NoSpam to reply)
>

707. Re: sstv operation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-28 20:36:53 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10103282034080.3867-100000@exp.bde-arc.ampr.org>
Source record: 9045

Could there be an impedence mismatch between your sound card's audio output and the radio's TX audio input (or mic input)? Are you using the speaker output or the "line out" output from the sound card? The speaker output has much different characteristics....

On Wed, 28 Mar 2001, Manos wrote:
> I have a problem using ChromaPIX with my TS-2000. I have no problem
> receiving.When I try to transmit, PTT, no data (audio->acc2.pin11) is being
> transmitted.
> I know the audio is coming out of the sound card, and have pinned out my
> cable.I generate many times the Test Tone and the TS2000 keys up, but no
> audio is present.
> I've tried adjusting audio levels without success.
> Is there something else I may have overlooked?
> Thanks in advance
> Manos
> SV9ANJ
> pelamare@her.forthnet.gr
>
>
>
>
>

708. Re: Visit - www.qsl.net/k7on

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-29 03:10:05 UTC
From: Brian Short <k7on@earthlink.net>
Message-ID: <MPG.152cb7faa41582be9896a2@news.earthlink.net>
Source record: 9046
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.radio.amateur.policy

> Charles Johnston wrote:
> Lots of STUFF to do at http://www.qsl.net/k7on/ such as...
> --
> Support freedom of speech, or I'll kill you!

--
http://www.qsl.net/k7on/
--

709. Re: sstv operation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-29 08:35:12 UTC
From: Manos <pelamare@her.forthnet.gr>
Message-ID: <985854972.983945@athnrd02.forthnet.gr>
Source record: 9047

Tnx for your replay. I used both output with no result Must be something
else.
73 de SV9ANJ
Manos

? "D. Stussy" <kd6lvw@bde-arc.ampr.org> ?????? ??? ??????
news:Pine.LNX.4.10.10103282034080.3867-100000@exp.bde-arc.ampr.org...
> Could there be an impedence mismatch between your sound card's audio
output and
> the radio's TX audio input (or mic input)? Are you using the speaker
output or
> the "line out" output from the sound card? The speaker output has much
> different characteristics....
>
> On Wed, 28 Mar 2001, Manos wrote:
> > I have a problem using ChromaPIX with my TS-2000. I have no problem
> > receiving.When I try to transmit, PTT, no data (audio->acc2.pin11) is
being
> > transmitted.
> > I know the audio is coming out of the sound card, and have pinned out my
> > cable.I generate many times the Test Tone and the TS2000 keys up, but no
> > audio is present.
> > I've tried adjusting audio levels without success.
> > Is there something else I may have overlooked?
> > Thanks in advance
> > Manos
> > SV9ANJ
> > pelamare@her.forthnet.gr
> >
> >
> >
> >
> >
>

710. Re: sstv operation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-29 23:44:33 UTC
From: Brian Short <k7on@earthlink.net>
Message-ID: <MPG.152dd9539eed7b5f9896a3@news.earthlink.net>
Source record: 9048

Which PTT are you using? You should use PKS - pin 9.
This is different from SS - pin 13. See page 95 of the
manual for details.

Also, which ground are you using? Not just the shield
(braid) right? Are you using pin 12?

In article <985782643.936709@athnrd02.forthnet.gr>,
pelamare@her.forthnet.gr says...
> Hi,
> I have a problem using ChromaPIX with my TS-2000. I have no problem
> receiving.When I try to transmit, PTT, no data (audio->acc2.pin11) is being
> transmitted.
> I know the audio is coming out of the sound card, and have pinned out my
> cable.I generate many times the Test Tone and the TS2000 keys up, but no
> audio is present.
> I've tried adjusting audio levels without success.
> Is there something else I may have overlooked?
> Thanks in advance
> Manos
> SV9ANJ
> pelamare@her.forthnet.gr
>
>
>
>
--
mailto:k7on@earthlink.net >< http://www.qsl.net/k7on/
--

711. CE certified VHF Low Band manufacturers

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-30 04:44:47 UTC
From: Brew99 <bruce-icq@home.com>
Message-ID: <3bUw6.45833$V6.256154@news1.gvcl1.bc.home.com>
Source record: 9049

Does anyone have information (website, Company name, etc.) on manufacturers of VHF Low band radios. They need to be CE certified, and would prefer a radio/modem combination, but also would look at the radios only.

It is hard enough to find manufacturers of Low Band equipment, yet add in another parameter of being CE certified.

Help would be greatly appreciated,

Bruce

712. Free Mac Ham Software Downloads

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-30 14:33:00 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-D898B1.09330030032001@enews.newsguy.com>
Source record: 9050

Macnet is the WW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

We stay in touch with each other via Radio, Internet, Telephone, and
actual visits.

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

To join Macnet, send YOUR STATS to mailto:wd1v@mediaone.net and access

* Macnet Member Listing - as the name implies, its "The List" of all of
the hams in the world that are using Macs with their radios. In ZIP CODE
order so you can see your neighbors and get together easily.
ftp://ftp.qsl.net/pub/wd1v/Macnet2001.html

* Macnet Ham Radio Software Listing - "The List" of the latest - much of
it with FTP links so what you see is what you can get with just a click.
http://www.qsl.net/wd1v/Page7.html

* Macnet Software Collections
ftp://ftp.qsl.net/pub/wd1v/
http://www.qrz.com/download/mac/index.html

* For latest Mac versions of the already cool...
http://www.versiontracker.com/

73!
John Seney, WD1V [FN42]
Macnet FISTS #5014 NEWS
QRP ARCI 10345 NE 553
K2 1388

`\o
\\/\- *
(_) (_)
http://www.qsl.net/wd1v

--
JS
http://www.qsl.net/wd1v

713. Listening Booth

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-31 21:09:36 UTC
From: Clinton Crawford <cjcmusic@peoplepc.com>
Message-ID: <3ac61d72@flexnet239.uunt.net>
Source record: 8951

I would like to invite you to listen to a variety of music produced by The Mayor. Remember the name, you heard it hear 1st.

http://chooser.mp3.com/cgi-bin/play/play.cgi/AAICQgAAAADABG5vcm1QBAAAAFL4ywIAUQoAAABDqiS7OvPlonW9IKL.WYyNdpUULCg-/the_mayor.m3u

--
The Mayor
http://www.mp3.com/cjcmusicpublishing

--
The Mayor
http://www.mp3.com/cjcmusicpublishing

714. Re: Visit - www.ab7sl.com -

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-03-31 23:54:53 UTC
From: Peter Lemken <plemken@gmx.de>
Message-ID: <9a5jip$3pl5c$1@ID-31.news.dfncis.de>
Source record: 8952
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.radio.amateur.policy

Zoran Brlecic wrote:
>
> Charles Johnston wrote:
>
> > Lots of STUFF to do at www.ab7sl.com such as...
>
> Oh, no, I can feel Peter's fingers itching already...

Know what, Zoran; I give up.

There are people who are thoughtless drones, no matter how hard you hit them with a hammer. Charles is one of them. He doesn't care about usenet and he doesn't care about other people's interest in this fabulous medium. He sees it as the perfect place to run his adv^H^H^HSPAM and think that it's just great.

He behaves like the simplex idiot who is too stupid to grasp the concept of split operating. In that vein he is unable to grasp the concept of a text based, ad-free and multicultural environment that has been designed to discuss ideas, not to promote ridiculously bad designed and contentless webpages. He laughs at people who think that his fullquotes, referenceless drivels are a waste of conceptual bandwidth.

Let him have it his way. Let him be happy in his dysfunctional way of not understanding what 2-way communication at its best can be. Let's leave him alone and pray for www.usenet2.org where mindless people like him will never have a place.

Peter Lemken
DF5JT
Berlin

--
We have joy, we have fun, we have Linux on our SUN

715. Re: Listening Booth

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-01 18:06:58 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <67Kx6.6641$RF1.364862@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8953

W9IKL doesn't seem to be in the FCCs database.
New license perhaps?

--

... Hank

http://horedson.home.att.net

"Clinton Crawford" <cjcmusic@peoplepc.com> wrote in message
news:3ac61d72@flexnet239.uunt.net...
> I would like to invite you to listen to a variety of music produced by The
> Mayor. Remember the name, you heard it hear 1st.
>
> http://chooser.mp3.com/cgi-bin/play/play.cgi/AAICQgAAAADABG5vcm1QBAAAAFL4ywI
> AUQoAAABDqiS7OvPlonW9IKL.WYyNdpUULCg-/the_mayor.m3u
>
> --
> The Mayor
> http://www.mp3.com/cjcmusicpublishing
>
> --
> The Mayor
> http://www.mp3.com/cjcmusicpublishing
>
>

716. How Much Power for SSTV?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-02 04:21:25 UTC
From: Michael Adams <michaeladams2000@no-spm.hotmail.com>
Message-ID: <97Tx6.17692$aP5.1628471@newsread2.prod.itd.earthlink.net>
Source record: 8954

I was wondering what the veterans of SSTV think regarding how much power is needed for SSTV. I currently have an Icom 745 (100 watts), MMSSTV software (seems very nice, and the price was right - free!), and a V-dipole antenna for 20, 15, and 10m. I am receiving pictures fine, but am worried about transmissions. I don't want to just broadcast something that looks like static.

Do I need a linear amplifier to get decent results, and if so, how much power output is reasonable for SSTV?

73s

Michael
AC6ZK
(remove no-spm from email address to reply by email)

717. Re: How Much Power for SSTV?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-02 14:24:52 UTC
From: Radioguy <radioguy@snet.net>
Message-ID: <3AC88BB4.5000102@snet.net>
Source record: 8955

Michael Adams wrote:

> I was wondering what the veterans of SSTV think regarding how much power is
> needed for SSTV. I currently have an Icom 745 (100 watts), MMSSTV software
> (seems very nice, and the price was right - free!), and a V-dipole antenna
> for 20, 15, and 10m. I am receiving pictures fine, but am worried about
> transmissions. I don't want to just broadcast something that looks like
> static.
>
> Do I need a linear amplifier to get decent results, and if so, how much
> power output is reasonable for SSTV?
>
> 73s
>
> Michael
> AC6ZK

Hi Michael,
In all honesty propagation has more to do with it than power, in my view
:) I run a stock unit, with a typical yagi up about 40 ft and have
worked the world. Don't worry. The trick is to get on the air and
try. Good luck.
73,
Pete

718. PR: Log Windows 3.07.33 released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-02 16:49:31 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <D32y6.930$Rv.44996@news1.atl>
Source record: 8956

Log Windows 3.07.33 released!

Update adds TS-2000 and FT-817 radio support and support for Nova Satellite program

Muscle Shoals, Alabama. April 2, 2001: Creative Services Software announced that version 3.07.33 of the popular logging program Log Windows has been released. The release includes fixes for the FT-990 with DX Spotting, as well as support for Kenwood's new TS-2000 and the new Yaesu FT-817 QRP radio.

One of the major advantages of using it with the TS-2000 is that it supports the Packet Cluster Tuning Data feature, which allows you to be connected to one cluster with your TNC or internet connection and use the TNC in the TS-2000 with Packet Cluster Tune turned on to get DX spots from both clusters at the same time. Many Dxers will be able to use this feature to help add to their DXCC, WAS and other award totals, as well as during contests.

It also has the new features of the 3.07.XX releases:

- Support for Top Ten devices band decoder
- Support for Alinco DX-77
- Direct support for the Icom IC-706 MKII
- Stop rotor function for HYGAIN and Sartek rotors
- Browse function for PSK mode (in search options)
- Added option for W4CSS parallel interface (5th message with MFJ Voice Keyer)
- Direct Support for the Rotor-EZ
- Added Grayline windows display.
- Added DXCC2000 reporting support.
- Telnet DX Cluster Access
- IOTA Support
- WinQSL QSL Manager Support
- QSLMaker 2.3 QSL Printing Program Support
- Full ADIF support
- Support for the W9XT CW keyer
- Support for the K8CC parallel port interface

The product retails for $69.95 and upgrades from release 3.06.15 or earlier is $40.00. Those who have purchased version 3.06.50 or greater will get this upgrade free. It also appears on the Digital Trio CD. It is available from dealers around the world, as well as direct from CSS.

Log Windows is owned by SCO, Inc and is maintained by Creative Services Software.

Creative Services Software is at http://www.cssincorp.com
The Log Windows homepage is at http://www.logwindows.com

Windows, Windows 95, Windows 98, Windows Me, Windows NT and Windows 2000 are Registered Trademarks of Microsoft Corporation.

719. Re: Visit - www.ab7sl.com -

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-02 18:11:06 UTC
From: Zoran Brlecic <zbrlecic@earthlink.net>
Message-ID: <3AC8C11F.6A39C2DE@earthlink.net>
Source record: 8957
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.radio.amateur.policy

Peter Lemken wrote:

> Zoran Brlecic wrote:
> >
> > Charles Johnston wrote:
> >
> > > Lots of STUFF to do at www.ab7sl.com such as...
> >
> > Oh, no, I can feel Peter's fingers itching already...
>
> Know what, Zoran; I give up.
>
> There are people who are thoughtless drones, no matter how hard you hit
> them with a hammer. Charles is one of them. He doesn't care about usenet
> and he doesn't care about other people's interest in this fabulous
> medium. He sees it as the perfect place to run his adv^H^H^HSPAM and
> think that it's just great.

To each his own, Peter. Spam will be with us no matter what, and probably the best way to deal with it is a filter. I tend to not use filters in newsgroups because, to quote a friend of mine who does the same: "I like to have the latest figure of the index of stupidity".

73 .... Zoran WA7AA

--
Support freedom of speech, or I'll kill you!

720. Programming queston

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-02 21:14:32 UTC
From: pjo <pjo@par1.net>
Message-ID: <tchqug8i27dh27@corp.supernews.com>
Source record: 8958

What orbital slot is the Para Todas programming located. Thanks.

721. HTX-242 and KPC-3 Cable problems

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 01:08:21 UTC
From: Tim <trhindd@mts.net>
Message-ID: <mV7y6.10494$tn1.156850@news1.mts.net>
Source record: 8959

Hello Folks,
I seem to be having a problem with my TNC cabling. Previously I made
a cable for my IC-746 and was using it without problems on packet and aprs.
Last night I put together a cable for my htx-242. I have double and
triple checked it. This is what happens.

The receive light stays on for long periods, even when the squelch is
not broken. Of course this interferes with my transmissions. I do receive
data correctly, and can transmit when the rx line finally decides to turn
off.

I'm confident that it is wired correctly, and can't figure out what the
problem is. Could it be a DC voltage on the speaker line?, that is holding
the receive open. I'm considering putting a cap in series.

Has anyone else had this problem, I'm sure that manly others have used
this radio for packet. BTW the radio is only a week old, newly purchased.

Please reply to ve4tjr@rac.ca as, I don't check the newsgroups regularly
enough.

722. Re: Programming queston

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 04:56:08 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3AC957E8.E215F38@amsat.org>
Source record: 8960

Para Todos is located on DirecTV 6, located at 119W.

723. high rise question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 06:07:55 UTC
From: pjo <pjo@par1.net>
Message-ID: <tciq6nktj65u80@corp.supernews.com>
Source record: 8961

On a head end system dose each programming channel have to have its own receiver,
also what is the component that selects the channel that the station is transmitted on?
Thanks to all pjo.

724. midland 7001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 20:27:54 UTC
From: Ambrogio <ambrogiorbl@tin.it>
Message-ID: <enqy6.14589$Oz4.386544@news2.tin.it>
Source record: 8962

buon giorno:
cerco schemi del MIDLAND 7001 e possibilmente il manuale.
Grazie:
Iw2fvo

AMBROGIO ambrogiorbl@tin.it

725. Midland 7001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 20:31:51 UTC
From: Ambrogio <ambrogiorbl@tin.it>
Message-ID: <Xqqy6.14603$Oz4.386794@news2.tin.it>
Source record: 8963

good morning:
I am searching for the schematics diagrams of Midland 7001 and possibly the
user manual .
Any help ?
IW2fvo

--
AMBROGIO ambrogiorbl@tin.it

726. Re: How Much Power for SSTV?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-03 23:56:24 UTC
From: 'Doc <w5lz@oio.net>
Message-ID: <3ACA6328.B5759502@oio.net>
Source record: 8964

Michael,
Most of the time, if the other people can hear you
well enough to carry on a conversation, they will
receive an average to good picture from you. If you
can talk to them comfortably, you'll do fine with a
picture. Of course, a little bit of power never hurts.
'Doc

727. Freq Deviation meter?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 02:56:10 UTC
From: Greg <greglh@gte.net>
Message-ID: <3ACA8D47.93FA2578@gte.net>
Source record: 8965

Does anyone have a frequency deviation meter that they use to set up 9600 packet levels?

I've seen the Marconi TF791D offered in the $175 range and think it might be handy for setting up 70 cm deviations for accurate satellite station operation. Anyone got one?

If so, what is your opinion of the unit, and could a 'reparable' one be worth $75?

Any info on deviation meters would be appreciated.

Greg K7YDL

k7ydl@qsl.net

728. FT: NEW Gateway 5300 650 mhZ Laptop for rig & amp!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 06:00:03 UTC
From: foxblaine@aol.com
Message-ID: <20010404020003.27106.00004367@ng-ch1.aol.com>
Source record: 8966

Greetings...

I know I posted a similar ad earlier, but the right deal hasn't come along yet. I have a one month old Gateway 5300 Intel Celeron 650 mhZ Laptop with THE WORKS! Includes CD-ROM drive, 3.5" floppy, 6 Gig HD, 64 mb RAM, 14.1" TFT color display, 56K modem built in, Viking Cellular modem, 2 empty PCMCIA slots, 1 USB port, new Targus carrying case, and loads of software, including Microsoft Office 2001 with Streets and Trips 2001, etc. I am in desperate need of a good amp, as mine went south this past week. Over $1,600 invested in the laptop. I would love to trade for a decent HF rig and an old SB-220, as long as tubes are full output and in perfect working order. Will consider other trades. I have the UPS bill of lading to show a ship date of Feb. 20th. PLEASE e-mail with offers. I need to be QRO again!

73~~~

R. Blaine Fox (N9LXX)
Beloit, WI

729. Re: NEW Gateway 5300 650 mhZ Laptop for rig & amp!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 06:23:23 UTC
From: KB9WFK <KB9WFK@mindspring.com>
Message-ID: <9aeechbul1@slb6.atl.mindspring.net>
Source record: 8967

You might try posting to Rec.radio.swap This is that groups purpose in life.

--

"R. Blaine Fox" <foxblaine@aol.com> wrote in message news:20010404020003.27106.00004367@ng-ch1.aol.com...
> Greetings...
>
> I know I posted a similar ad earlier, but the right deal hasn't come along
> yet. I have a one month old Gateway 5300 Intel Celeron 650 mhZ Laptop with THE
> WORKS! Includes CD-ROM drive, 3.5" floppy, 6 Gig HD, 64 mb RAM, 14.1" TFT
> color display, 56K modem built in, Viking Cellular modem, 2 empty PCMCIA slots,
> 1 USB port, new Targus carrying case, and loads of software, including
> Microsoft Office 2001 with Streets and Trips 2001, etc. I am in desperate need
> of a good amp, as mine went south this past week. Over $1,600 invested in the
> laptop. I would love to trade for a decent HF rig and an old SB-220, as long
> as tubes are full output and in perfect working order. Will consider other
> trades. I have the UPS bill of lading to show a ship date of Feb. 20th.
> PLEASE e-mail with offers. I need to be QRO again!
>
> 73~~~
>
> R. Blaine Fox (N9LXX)
> Beloit, WI
>

730. Re: Freq Deviation meter?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 12:36:30 UTC
From: jra@febo.com
Message-ID: <fg4fa9.p4h.ln@209.115.70.194>
Source record: 8968

In article <3ACA8D47.93FA2578@gte.net>, greglh@gte.net wrote:
>Does anyone have a frequency deviation meter that they use to set up
>9600 packet levels?
>
>I've seen the Marconi TF791D offered in the $175 range and think it
>might be handy for setting up 70 cm deviations for accurate satellite
>station operation. Anyone got one?
>
>If so, what is your opinion of the unit, and could a 'reparable' one be
>worth $75?
>
>Any info on deviation meters would be appreciated.
>
>Greg K7YDL
>
>k7ydl@qsl.net

I don't have an opinion on the Marconi unit's value, but if you want to roll up your sleeves a bit, you can do surprisingly accurate deviation measurement with a slightly modified FM receiver (a scanner will do nicely) and a cheap oscilloscope.

I have a document at http://www.febo.com/layer-one/transmit.html that describes how to do this (about 2/3 of the way down, after lots of discussion about 1200 baud deviation issues). Although the article focuses on 1200 baud, the test setup described will work for 9600 as well, unless the receiver's IF filter is very tight -- using a cheap receiver like a scanner may be an advantage, since they tend not to have narrow filters.

73,
John N8UR
jra@febo.com
http://www.febo.com

731. Re: Freq Deviation meter?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 17:25:09 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <s2mmct07835is70a9vjh79iodj602a36rg@4ax.com>
Source record: 8969

On Wed, 04 Apr 2001 02:56:10 GMT, Greg <greglh@gte.net> wrote:
>Does anyone have a frequency deviation meter that they use to set up
>9600 packet levels?
>
>I've seen the Marconi TF791D offered in the $175 range and think it
>might be handy for setting up 70 cm deviations for accurate satellite
>station operation. Anyone got one?

I've got one, only paid $50 for it though. It is trickier to use than it looks.
I think you're better off using the bessel null method to set deviation.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

732. SV2AGW packet program

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 18:16:50 UTC
From: Rod <roderick@rsbannerman.fsnet.co.uk>
Message-ID: <9afogubfa1@news5.svr.pol.co.uk>
Source record: 8970

Can anyone help? I have SV2AGW's program working with my soundcard. It sends and receives fine, but as soon as I try to connect to another station it disconnects as soon as it becomes connected. My brother set his system up separately and his is the same. I am using agwterm as the packet program.

Any advice appreciated.

Rod

GM4LUD

733. Re: SV2AGW packet program

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 19:52:00 UTC
From: DJ6JZ <DJ6JZ@compuserve.de>
Message-ID: <3acb7bda_1@news.arcor-ip.de>
Source record: 8971

Rod,
Do a search for SV2AGW at
http://www.radio-portal.org

Regards,
Willi, DJ6JZ

Rod <roderick@rsbannerman.fsnet.co.uk> schrieb in im Newsbeitrag:
9afogubfa1@news5.svr.pol.co.uk...
> Can anyone help? I have SV2AGW's program working with my soundcard. It
sends
> and receives fine, but as soon as I try to connect to another station it
> disconnects as soon as it becomes connected. My brother set his system up
> separately and his is the same. I am using agwterm as the packet program.
>
> Any advice appreciated.
>
> Rod
>
> GM4LUD
>
>

734. Re: Kam

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-04 21:39:40 UTC
From: dinod@deltanet.com
Message-ID: <wwMy6.554092$ge4.201388292@news2.rdc2.tx.home.com>
Source record: 8972

Is it an old KAM with 8.0 or a KAM Plus? If it has the older white plastic case, no more than $100.00 to $150.00. If it is the real cool KAM Plus with the black metal case, you should get $250.00 easy!

The KAM Plus is no longer made. It was the best ALL MODE TNC put out by Kantronics (becasue it is a dual port TNC!). There latest KAM 98 is real cool but only operates one port at a time. They go for just under $400.00!

I was ready to pay $300.00 for the latest KAM Plus w/ 8.0 firmware. But, I wanted the good looking black one. I found one for $245.00!

Dino

>What is a good selling price for a Kam 8.0.. No cables(do have some
>software programs for it)? Thank you. Louis/W4NRG
>ldupree@coastalnet.com
>

735. TrueTTY 1.75 was released!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-05 09:09:53 UTC
From: amx2@dxsoft.com
Message-ID: <3acc34e6.68117343@news.cis.dfn.de>
Source record: 8973

Hello, All!

TrueTTY 1.75 was published at http://www.dxsoft.com

TrueTTY 1.75
Program for amateur radio digital communications via a sound card.
Supported modes are RTTY (Baudot code), ASCII (7 or 8 bits), PSK31
(BPSK and QPSK) and AMTOR-FEC (SITOR-B, NAVTEX). SELFEC SITOR
decoding is possible also. No additional hardware required - you need
only transceiver and computer (5x86-133, Pentium-75 or better) with a
sound card. Optionally you can use simple circuit fo PTT-control. It
make fast and convenient frequence control, has a lot macros for
transmitting.
Can cooperate with RZ4AG AAlog logger.

73!
Sergei

736. AX25 support under FreeBSD?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-05 09:32:07 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <l6vUvlAXuDz6Ew+J@netro.co.uk>
Source record: 8974
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

I have just had an email from Andy in Slovenia, asking about AX.25
driver support under FreeBSD. He says he will write his own if nothing
already exists, but I'm sure someone must have trodden this path before.

If you know where he can find suitable drivers, please email him direct
(he does not have access to Usenet newsgroups).

His address: Aleksander (Andy) Rozman <aleksander.rozman@hermes.si>

Thanks.

73
Ian, G3NRW

737. Swap PC For HF Set

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-05 15:18:07 UTC
From: dodgydid@aol.com
Message-ID: <20010405111807.08288.00002350@ng-co1.aol.com>
Source record: 8975

As Above....

PC Consists Of..

Full Tower & 300 Watt Power Supply.
Pentium 3 500 Processor (easily Does 600)
Soyo 6VBA Motherboard
256mb PC133 Ram
32mb AGP TNT2 Graphics Card
Soundblaster Live Sound Card
2 X 15 Gig Hard Drives
52 X Cd Rom (Clone Compatible)
12X10X32 CD Re-Writer

17 inch Monitor
Epson 760 Printer
Soundforce 1200 Speaker System
Keyboard
Mouse
Mic
Diamond Supraexpress 56k External Modem
Etc......

Swap for HF Transciever With ATU etc...

Mail -- dodgydid@aol.com (United Kingdom Only)

738. Re: high rise question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-05 17:16:09 UTC
From: KA9CAR <nospam@nospam.usa>
Message-ID: <9ai97hcpa1@news.tribune.com>
Source record: 8977

at Blondertongue.com you can find the (about $1,000) channel processors that have agile recieve and transmit frequencies that are used for this purpose.

pjo <pjo@par1.net> wrote in message news:tciq6nktj65u80@corp.supernews.com...
> On a head end system dose each programming channel have to have its own
> receiver,
> also what is the component that selects the channel that the station is
> transmitted on?
> Thanks to all pjo.
>
>

739. Humax IRCI5400 In stock now

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-05 23:07:36 UTC
From: sales@"digicams-'uk.com
Message-ID: <05040117.0736@"digicams-'uk.com>
Source record: 8976

Check out www.DigiCams-UK.com

Irdeto Cams are in stock
VX200 multiprogrammer in stock
Blank Wafer Cards In stock
Humax Irci5400 In stock
Viaccess Cams in stock

Order online through our Secure Server.
Most major Credit Cards are welcome.

www.DigiCams-UK.com
Low cost Digital TV for Everyone

EMAIL: sales@digicams-uk.com
TEL: +44 (0)1753 520846
mobile: +44 (0)7884 233343

740. Anyone using MFSK16 Yet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 03:09:52 UTC
From: Michael Adams <michaeladams2000@no-spm.hotmail.com>
Message-ID: <4yvz6.9260$VF3.875462@newsread2.prod.itd.earthlink.net>
Source record: 8978

I have been listening for about a week (admittedly the bands haven't been the greatest), but have not found anyone using MFSK16. It is purported to be better for DX than PSK31, according to an article in QST magazine (January 2001). I tried checking the bands for it using HamScope (great program by the way!) and IZ8BLY's Stream, but no one there. Anyone using this mode yet? If so, how's it working?

Regards,

Michael Adams

741. Re: Anyone using MFSK16 Yet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 03:35:04 UTC
From: Seth Miller <sethmiller73@email.com>
Message-ID: <3ACE8AE8.326CB3D2@email.com>
Source record: 8979

There's a fair amount of activity out there on MFSK16, look around 14.080 or 3.580. And if you don't hear anyone you shouldn't have too much trouble scaring up a contact by calling CQ yourself.

MFSK is indeed much superior to PSK31 under poor band conditions, really no comparison. I have switched to MFSK16 from PSK31 several times due to poor band conditions only to have copy go up to 100% after switching to MFSK (vs. less than 50% copy on PSK under the same conditions). I don't even bother with PSK31 anymore. MFSK is also a great QRP mode, of course... I have obtained excellent results with a dipole and just a few watts. Try it, you won't go back..!

73,

- Seth N6SQ

Michael Adams wrote:

> I have been listening for about a week (admittedly the bands haven't been
> the greatest), but have not found anyone using MFSK16. It is purported to
> be better for DX than PSK31, according to an article in QST magazine
> (January 2001). I tried checking the bands for it using HamScope (great
> program by the way!) and IZ8BLY's Stream, but no one there. Anyone using
> this mode yet? If so, how's it working?
>
> Regards,
>
> Michael Adams

742. NOS Help ..

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 07:42:26 UTC
From: mrhuey@worldnet.att.net
Message-ID: <b/ez6oJPM6NU092yn@worldnet.att.net>
Source record: 8980

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Hi all, I've been fiddling with setting up a NOS packet system and am
at an impasse. I've got my system configured for AX25, NET/ROM &
TCP/IP, and can do an ax25 connect to the local node as if I were just
using a terminal program.

I've tried a NET/ROM connect and it shows the 'Trying xyz @ xyz'
message and the session info shows 'Conn Pending', but it never
seems to complete the connect and eventually times out.

Any ideas on what I'm missing here? I'm guessing a successful
connect should put me into the BBS of the system I'm trying to connect
to ('info' command on that system shows that is what the NET/ROM ID
is.)

Once I get this working, my next challenge will be forwarding, any
pitfalls I ought to be aware of for that? Appreciate any assistance
you can send my way.

- --

+---------------------------------------------------------------------------+
| Ramsay D. Seielstad KC2GMW | mrhuey@worldnet.att.net; kc2gmw@arrl.net |
| Schenectady, NY, USA | ~~~~~~~~~~~~~~~~~~~~~~ |
+-=-=-=-=-=-=-=-=-=-=-=-=-=-=-+=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-+
| "An average working stiff, A bunch of unrelated hobbyist activities, which |
| have no significant value or use other than to occupy my free time and |
| amuse myself ... and trust me, this ain't my employer's opinion or view. |
+---------------------------------------------------------------------------+

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 5.0i OS/2 for non-commercial use
Comment: PGP 5.0 for OS/2
Charset: cp850

wj8DBQE6zY+uPchDHKBozt4RAtpkAKDE8Jy9LiKPOFTGNAP3XW5DRa7tjgCeKIYr
l7CM9Oq+b5XwqaD4FPw61zM=
=6A3R
-----END PGP SIGNATURE-----
```

743. Re: AX25 support under FreeBSD?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 13:56:05 UTC
From: hamish@cloud.net.au
Message-ID: <V%Ez6.45766$Xx3.255410@news1.eburwd1.vic.optushome.com.au>
Source record: 8981
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

In rec.radio.amateur.digital.misc Ian Wade <ian.wade@netro.co.uk> wrote:
> I have just had an email from Andy in Slovenia, asking about AX.25
> driver support under FreeBSD. He says he will write his own if nothing
> already exists, but I'm sure someone must have trodden this path before.

> If you know where he can find suitable drivers, please email him direct
> (he does not have access to Usenet newsgroups).

A Google search shows plenty of talk about it, but not much action.

There is a lot more to it than drivers -- you need drivers for the
hardware (soundmodem, baycom, kiss, etc), plus the protocol stack
(hdlc, ax.25, TCP/IP encapsulation etc).

Just run Linux.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

744. Re: NEW Gateway 5300 650 mhZ Laptop for rig & amp!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 14:08:03 UTC
From: Karl Shoemaker <wa7ycp@yahoo.com>
Message-ID: <3ACF1F43.CDB9F839@yahoo.com>
Source record: 8982

Also ebay
K
--

Karl Shoemaker
P.O. Box 67, Colbert, WA 99005

Spokane Repeater Group
email: wa7ycp@yahoo.com
http://www.dalek.org/srg

745. Re: Anyone using MFSK16 Yet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 18:27:04 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tcumu58eg043cf@corp.supernews.com>
Source record: 8983

I have been using it for months. Great mode. Had QSOs on 80, 20, 15 and
10. 20 is the most active.

"Seth Miller" <sethmiller73@email.com> wrote in message
news:3ACE8AE8.326CB3D2@email.com...
>
> There's a fair amount of activity out there on MFSK16, look around 14.080
or
> 3.580. And if you don't hear anyone you shouldn't have too much trouble
> scaring up a contact by calling CQ yourself.
>
> MFSK is indeed much superior to PSK31 under poor band conditions, really
no
> comparison. I have switched to MFSK16 from PSK31 several times due to poor
> band conditions only to have copy go up to 100% after switching to MFSK
(vs.
> less than 50% copy on PSK under the same conditions). I don't even bother
with
> PSK31 anymore. MFSK is also a great QRP mode, of course... I have
obtained
> excellent results with a dipole and just a few watts. Try it, you won't go
> back..!
>
> 73,
>
> - Seth N6SQ
>
>
>
> Michael Adams wrote:
>
> > I have been listening for about a week (admittedly the bands haven't
been
> > the greatest), but have not found anyone using MFSK16. It is purported
to
> > be better for DX than PSK31, according to an article in QST magazine
> > (January 2001). I tried checking the bands for it using HamScope (great
> > program by the way!) and IZ8BLY's Stream, but no one there. Anyone
using
> > this mode yet? If so, how's it working?
> >
> > Regards,
> >
> > Michael Adams

>

746. HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 18:48:51 UTC
From: allanwood3@aol.comnojunk
Message-ID: <20010407144851.00977.00002450@ng-ck1.aol.com>
Source record: 8984

Can anyone please tell me where I can download software to enable me to copy 300 baud HF packet signals with my SCS PTC-II multimode controller? I am using a PC with Windows 98.

Thanks

Allan

747. Re: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 21:15:03 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <LpLz6.668$qG1.2595@newsfeed.slurp.net>
Source record: 8985

> Can anyone please tell me where I can download software to enable me
to copy
> 300 baud HF packet signals with my SCS PTC-II multimode controller?
I am using
> a PC with Windows 98.
>
I believe running 300 baud HF packet with the PTC-II would require new
firmware for the PTC-II or a different internal packet modem. I don't
think there is anything like that available. Virtually all the PTC-II
software is available at http://www.scs-ptc.com

748. Re: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 21:15:03 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <hrLz6.669$qG1.2647@newsfeed.slurp.net>
Source record: 8986

> Can anyone please tell me where I can download software to enable me
to copy
> 300 baud HF packet signals with my SCS PTC-II multimode controller?
I am using
> a PC with Windows 98.
>
I believe running 300 baud HF packet with the PTC-II would require new
firmware for the PTC-II or a different internal packet modem. I don't
think there is anything like that available. Virtually all the PTC-II
software is available at http://www.scs-ptc.com

749. Re: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 21:15:03 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <1KLz6.671$qG1.2846@newsfeed.slurp.net>
Source record: 8988

> Can anyone please tell me where I can download software to enable me
to copy
> 300 baud HF packet signals with my SCS PTC-II multimode controller?
I am using
> a PC with Windows 98.
>
I believe running 300 baud HF packet with the PTC-II would require new
firmware for the PTC-II or a different internal packet modem. I don't
think there is anything like that available. Virtually all the PTC-II
software is available at http://www.scs-ptc.com

750. Re: Severe Warning..... . 1852

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-07 21:38:31 UTC
From: Sideband <sideband@spam.me.not>
Message-ID: <3ACF88D7.4E21C90D@spam.me.not>
Source record: 8987
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hrm... seems to me it would be a BAD idea to hit that site....

-SSB

nqcncd@safety.net wrote:

> Security Alert.....
> For further information
> you must visit
> http://www.evidence-eliminator.com/go.shtml?A654833
> puboldrehucpfmelqpyxxwujexttipkulnswlzgpqrrgchlwunqiiq

751. Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-08 02:16:52 UTC
From: NO_ONE@aol.com
Message-ID: <3acfbeb8.21670458@news.mminternet.com>
Source record: 8989

[No readable article body recovered]

752. SV: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-08 04:24:44 UTC
From: Sven Arne Astrup <sastrup@online.no>
Message-ID: <uKRz6.6887$NR.566876@news3.oke.nextra.no>
Source record: 8990

Take a look here!

http://www.goodnet.com/~gjohnson/

73 de Sven LA6KJ

Allan Wood3 <allanwood3@aol.comnojunk> skrev i
meldingsnyheter:20010407144851.00977.00002450@ng-ck1.aol.com...
> Can anyone please tell me where I can download software to enable me to
copy
> 300 baud HF packet signals with my SCS PTC-II multimode controller? I am
using
> a PC with Windows 98.
>
> Thanks
>
> Allan
>

753. modifiaation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-08 11:22:59 UTC
From: herbc@thezone.net
Message-ID: <3ad04a03.8811259@news.thezone.net>
Source record: 8902

```
`V i need the modification for the ft10
hand held radio for the fiont of the radio not the insige
do u have or know where i can get it a goood site if so
emal me asap thanks.

email asap thanks

vo1um eddie
```

754. Re: NOS Help ..

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-08 11:52:42 UTC
From: Dave <kd4htu@yahoo.com>
Message-ID: <eiYz6.35966$Ho5.8630772@typhoon.southeast.rr.com>
Source record: 8991

What version NOS are you using? There are quite a few out there. I use
JNOS, ver 1.11d. Set your system to trace to a file... ie..

trace [portname] 311 portname.trc

This will write all port activity to the file portname.trc, which you may
use any editor to view. The questions I have, does an initial AX25
connection go through and complete, once an AX25 connection is complete,
does a NETROM connect request get sent? When at the command line, enter

netrom route info

You should get a list of nodes known by your NOS system. Another possibility
would be conflicting routes, say two ports providing the same information.
I assume you have a netrom interface attached.. ie...

netrom interface [ax25 portname] quality minquality

OK, quality is the level which your port will assign to the nodes which you
can see direct, minquality is the level you set as the lowest you wish to
have in your netrom routes. Please be sure that minquality is below the
port quality, otherwise you'll not see any nodes on your list. There are
many other netrom variables that will determine the behavior of your netrom
system.

> Hi all, I've been fiddling with setting up a NOS packet system and am
> at an impasse. I've got my system configured for AX25, NET/ROM &
> TCP/IP, and can do an ax25 connect to the local node as if I were just
> using a terminal program.
>
> I've tried a NET/ROM connect and it shows the 'Trying xyz @ xyz'
> message and the session info shows 'Conn Pending', but it never
> seems to complete the connect and eventually times out.
>
> Any ideas on what I'm missing here? I'm guessing a successful
> connect should put me into the BBS of the system I'm trying to connect
> to ('info' command on that system shows that is what the NET/ROM ID
> is.)
>
> Once I get this working, my next challenge will be forwarding, any
> pitfalls I ought to be aware of for that? Appreciate any assistance
> you can send my way.

755. FA C156 2mtr handheld uk only

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-08 13:46:42 UTC
From: gm4jnw <gm4jnw@ntlworld.com>
Message-ID: <e2_z6.659$Fm4.243826@news2-win.server.ntlworld.com>
Source record: 8992

Have now amended auction to include speaker mic
C156 is FM 2mtre handheld with wide band coverage.
100 memories,recieves 100 mhz to 194 mhz approx
handheld is complete with 2 plug in nicad packs type cnb156
and charger which is made by standard
3 step tx output lo med high (high is 5watts)
see picture at auction
http://page.auctions.yahoo.com/uk/auction/50643541

756. Re: free PIC Pascal compiler

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 01:11:09 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3AD10C2D.F7545D49@preferred.com>
Source record: 8993

I get nothing but "?"'s for this site with Netscape 4.7 under Linux.
Anybody else?

Gita wrote:
>
> On the http://msoft.w3.lt I find a nice and free PIC Pascal compiler.

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

757. www.chipplanet.net

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 06:47:56 UTC
From: CPL <info@chipplanet.net>
Message-ID: <wWcA6.10018$k53.211496@news1.tin.it>
Source record: 8994
Cross-posted to: japan.tv.satellite.overseas,rec.radio.amateur.digital.misc,rec.sport.soccer,rec.sport.table-soccer,rec.video.satellite.dbs,rec.video.satellite.europe,rec.video.satellite.misc,rec.video.satellite.tvro,sci.astro.satellites.visual-observe,sci.geo.sa

www.chipplanet.net

758. FA C156 questions asked with answers (one day left)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 08:52:26 UTC
From: gm4jnw <gm4jnw@ntlworld.com>
Message-ID: <qQeA6.3289$2P2.496504@news6-win.server.ntlworld.com>
Source record: 8995
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.digital.misc,rec.radio.scanner

Hi All
Have had a lot of questions on auction below.
C156 is FM 2mtre handheld with wide band coverage.
http://page.auctions.yahoo.com/uk/auction/50643541

Q: Range of Reciever
A: Frequency on transmit is normal 2mtrs, frequency on rx is approx
100mhz-174 mhz yes I know it will go above this but the pll unlocks so I
cant say it will.
Q:Power output
A:Up to 5 watts
Q: reserve price,
A: Well there isnt one I have just bought a new rig so its sat there looking
at me so I may as well sell it.(the price bidded at the time of posting was
£50 the only bidder)
Other than the above
Transciever includes:
2 Nicad battery packs CN156 (they push into the base and form part of the
case, so quick change over)
1 Charger for above nicads
1 Nicad case the same shape as CN156 but put your own nicad batteries in (as
came standard with C156)
1 fused connector lead for connecting C156 to 12v power supply
1 speaker mic CMP127
1 Manual
and Original Box in new condition
1 original rubber duck antenna
postage will be charged at cost (probably about 4-5 pounds)

Think this covers everything

759. Re: Anyone using MFSK16 Yet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 09:24:42 UTC
From: Markus Lenggenhager <markus.lenggenhager@nospam.philips.com>
Message-ID: <9arv3e$d9c$1@porthos.nl.uu.net>
Source record: 8996

see MFSK discussion list http://groups.yahoo.com/group/MFSK

73, Markus HB9BRJ

760. Re: AX25 support under FreeBSD?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 11:17:53 UTC
From: Ram <Ram@usa.net>
Message-ID: <3ad19981$0$184$456d72a3@news.skynet.be>
Source record: 8997
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

I once saw JNOS in a Linux environment and interfacing through a pipe.

Maybe one can compile JNOS in FreeBSD and use this a interface for a
KISS-tnc. TCP/IP connection with the system can be made by a named-pipe.

Ian Wade wrote in message ...
>I have just had an email from Andy in Slovenia, asking about AX.25
>driver support under FreeBSD. He says he will write his own if nothing
>already exists, but I'm sure someone must have trodden this path before.
>
>If you know where he can find suitable drivers, please email him direct
>(he does not have access to Usenet newsgroups).
>
>His address: Aleksander (Andy) Rozman <aleksander.rozman@hermes.si>
>
>Thanks.
>
>73
>Ian, G3NRW

761. Re: Missing Child posting forwarded

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 17:49:20 UTC
From: macaddict@tesco.net
Message-ID: <1erm10v.18nj8bc1o3p14wN@ac9456e7.ipt.aol.com>
Source record: 8998
Cross-posted to:
rec.radio.amateur.digital.misc,rec.radio.scanner,uk.adverts.computer,uk.radio.amateur,uk.rec.photo.adverts,uk.telecom

Max Topley <mt1_g8czr@btinternet.com> wrote:

> By multiple cross posting to a large number of groups you will soon
> trigger anti-spam filters on the majority of well-run news servers. So
> your posts will not be seen by anyone who doesn't use a spam-friendly
> ISP for Usenet. Your blundering efforts may well have caused the
> original posting you saw to also be cancelled (by pushing up the BI).
> I for one never saw your cluless re-post and, due to your actions, I
> would probably not have been able to see the original either.

Indeed - my ISP filtered out the original post because of the
cross-posting, I guess.

And my newsreader won't let me post to all those groups, either!

The logic that any good cause merits totally off-charter cross posting
is naively attractive, but quite stupid if UseNet is not to be totally
clogged with such stuff.

--
Macaddict at Tesco dot net
PowerColourClassic and Colour Classic Compendium at:
http://homepages.tesco.net/~macaddict/PowerCC.html

762. Re: FA C156 questions asked with answers (one day left)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 17:57:09 UTC
From: sideband@btinternet.com
Message-ID: <3ad1f2b7.8608685@news.freeserve.net>
Source record: 8999
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.digital.misc,rec.radio.scanner

On Mon, 9 Apr 2001 09:52:26 +0100, "gm4jnw" <gm4jnw@ntlworld.com> wrote:

>Hi All
>Have had a lot of questions on auction below.
>C156 is FM 2mtre handheld with wide band coverage.
>http://page.auctions.yahoo.com/uk/auction/50643541
>
>Q: Range of Reciever
>A: Frequency on transmit is normal 2mtrs, frequency on rx is approx
>100mhz-174 mhz yes I know it will go above this but the pll unlocks so I
>cant say it will.
>Q:Power output
>A:Up to 5 watts
>Q: reserve price,
>A: Well there isnt one I have just bought a new rig so its sat there looking
>at me so I may as well sell it.(the price bidded at the time of posting was

Bidded?

--

Posted by Jim Dunnett

jim @sideband.fsnet.co.uk
dynastic @cwcom.net

George Dubya Bushisms No 16:

'Quite frankly teachers are the only
profession that teach our children.'

---

763. Palm Pilot Packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-09 22:39:11 UTC
From: David Snyder Hale <david@isi9.mtwilson.edu>
Message-ID: <9atdmf$73v$1@agate.berkeley.edu>
Source record: 9000

Just got a Palm m105 for my birthday.

Anyone doing palm-packet?? Would be interesting to hear experiences...

73,
--
Dave * N3WTK (DM04xf) * http://isi.mtwilson.edu * n3wtk@arrl.net

764. Re: free PIC Pascal compiler

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 14:21:22 UTC
From: dwparsons@nikocity.de
Message-ID: <Ej0w7lFo08Zw-pn2-NbzzCZK05oPc@jupiter>
Source record: 8901

A bit slow and the font is quite small but otherwise ok here.
OS/2 Netscape 4.61

Dave

On Mon, 9 Apr 2001 01:11:09, Jeff Pierce <piercej@preferred.com> wrote:

> I get nothing but "?"'s for this site with Netscape 4.7 under Linux.
> Anybody else?
>
> Gita wrote:
> >
> > On the http://msoft.w3.lt I find a nice and free PIC Pascal compiler.
>

765. Re: free PIC Pascal compiler

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 15:04:01 UTC
From: K7MEM <jda@rupert.tds-az.lmco.com>
Message-ID: <3AD320E1.41C67EA6@rupert.tds-az.lmco.com>
Source record: 8911

Jeff Pierce wrote:
>
> I get nothing but "?"'s for this site with Netscape 4.7 under Linux.
> Anybody else?
>
> Gita wrote:
> >
> > On the http://msoft.w3.lt I find a nice and free PIC Pascal compiler.
>
> --
> Jeff Pierce
> piercej@preferred.com
> http://pages.preferred.com/~piercej

Yes, I get the same thing with Netscape 4.72 on a Ultra 450 running
Solaris 2.6. However, the site works fine on an older version of
Netscape, 3.01, running on a 670MP running SunOS 4.1.4.

It turns out that there is a "meta" statement on line 3 of the
html code that makes Netscape 4.72 go crazy:

<meta http-equiv="Content-Type" content="text/html;
charset=windows-1257">

If you remove the end of this statment so that it reads:

<meta http-equiv="Content-Type" content="text/html">

the page works fine with Netscape 4.72. The earlier versions of Netscape
must ignore the bad line.

Martin

--
Martin E. Meserve K7MEM
martin.e.meserve AT lmco.com

I respond to news groups and E-Mail on my own time and therefore
my responses may not be as timely as you, or I, would like them to
be. If I seem to be ignoring you, send me another E-Mail to jog my
memory. Opinions are my own and do not reflect the opinions of my
employer.

766. Re: Palm Pilot Packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 18:21:31 UTC
From: KA6PFE <ka6pfe@pacbell.net>
Message-ID: <neIA6.30549$qv3.14245927@nnrp5-w.sbc.net>
Source record: 8903

I use my Palm Pro with an AOR tnc - works fine. You just have to get used to the graphiti entry on the Palm and smaller text. I use a termal program called PTELNET, but there are several others avaible.

73's
Brian

"David Snyder Hale" <david@isi9.mtwilson.edu> wrote in message news:9atdmf$73v$1@agate.berkeley.edu...
> Just got a Palm m105 for my birthday.
>
> Anyone doing palm-packet?? Would be interesting to hear experiences...
>
> 73,
> --
> Dave * N3WTK (DM04xf) * http://isi.mtwilson.edu * n3wtk@arrl.net
>

767. Re: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 19:11:15 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <yVIA6.18094$TW.82163@tor-nn1.netcom.ca>
Source record: 8904

Bob,

This is NOT true. READ the PTC II manual. 300 baud packet operation is possible with the PTC II. I have done it!! You need a program called TFX 2.8 available from www.nordlink.org. (Click on FIRMWARE even though TFX 2.8 really isn't firmware. It runs on your PC). You will also need a good terminal program that operates in the WA8DED hostmode. Many Hams use Grafik Packet available from http://www.higgy.de/fert_e.htm

The PTC II manual provides all the details to make 300 baud HF packet possible with the PTC II. (In fact the TFX 2.8 program does ALL the hard work. The PTC II just acts like a VERY simple modem).

BOTH of these programs are mentioned in the PTC II manual. It is TOO bad that SCS did not provide copies of these programs with the PTC II or even provide links to these sites from their web site.

Rob

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message news:1KLz6.671$qG1.2846@newsfeed.slurp.net...
> > Can anyone please tell me where I can download software to enable me
> to copy
> > 300 baud HF packet signals with my SCS PTC-II multimode controller?
> I am using
> > a PC with Windows 98.
> >
> I believe running 300 baud HF packet with the PTC-II would require new
> firmware for the PTC-II or a different internal packet modem. I don't
> think there is anything like that available. Virtually all the PTC-II
> software is available at http://www.scs-ptc.com
>
>
>

768. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 19:14:52 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <VYIA6.18095$TW.82143@tor-nn1.netcom.ca>
Source record: 8905

Check EBAY. But once you have a PTC II, you don't want to give it up. It is a FANTASTIC modem! Pactor II is amazing. You won't see many in the used market. Maybe when SCS releases a NEWER modem, you will see some PTC II's on the used market.

Rob

<NO_ONE@aol.com> wrote in message
news:3acfbeb8.21670458@news.mminternet.com...
>

769. Re: modifiaation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 20:17:45 UTC
From: "Gary Tait, The Real" <tait@primeline.net>
Message-ID: <3AD36A68.9FA0437D@primeline.net>
Source record: 8906

Try http://www.qrz.com/download/main/mods.html

Mr c wrote:
>
> `V i need the modification for the ft10
> hand held radio for the fiont of the radio not the insige
> do u have or know where i can get it a goood site if so
> emal me asap thanks.
>
> email asap thanks
>
> vo1um eddie

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait
**** Do not Email back me newsgroup responses, just post them. ****
I dont't fix Spamproof E-mail addresses, so if you wish to email
me and get a reply, use a real ,un-spam proofed address.

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

770. Re: HF Packet software for PTC-II

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 20:50:56 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <1lKA6.427$6P3.3514@newsfeed.slurp.net>
Source record: 8907

Rob, I see that you are correct in that the newer firmware versions in the PTC-II permit it to act as a simple modem. The packet software runs on the PC. I was thinking in terms of it running stand alone with the mailbox like it does with the packet modules and Pactor.

771. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 21:27:59 UTC
From: Wolf H&#65533;ller <wolf.hoeller@gmx.net>
Message-ID: <3ad37ad5$0$25062@SSP1NO25.highway.telekom.at>
Source record: 8908

"Rob" <Pse@NoEmail.Com> schrieb im Newsbeitrag
news:VYIA6.18095$TW.82143@tor-nn1.netcom.ca...
> Check EBAY. But once you have a PTC II, you don't want to give it up. It
> is a FANTASTIC modem! Pactor II is amazing. You won't see many in the
used
> market. Maybe when SCS releases a NEWER modem, you will see some PTC II's
> on the used market.
>
Hi Ron and the group!

After releasing the new PTC-IIpro I think several ham's will upgrade from PTC-II or PTC-IIe. So I think there will some PTC's be available in the near future.

73 de Wolf
oe7ftj@gmx.at

772. Re: NOS Help ..

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 21:42:54 UTC
From: Charles Brabham <n5pvl@hotmail.com>
Message-ID: <9avr61$d291@baran22.ttnet.net.tr>
Source record: 8909

Drop the NOS program, if you are interested in packet message forwarding. The BBS code in xNOS is a third-rate hack. It can be said to "work", after a fashion... It just doesn't work very well. You'll hear from several xNOS buffs about how wonderful it is, but these folks generally have no idea what a decent BBS is or what one should act like. All they know is xNOS.

Running xNOS as if it were a real BBS tends to cause problems... Then, you find yourself having trouble getting anyone to forward with you.

Try "FBB" or "G1NNA" if you want an actual BBS program. xNOS is for tinkerers who think of systems that constantly have to be tweaked and fixed as "advanced".

Get a real BBS program if you want to forward BBS messages, and run xNOS (if you just HAVE to) in another machine where it will not interefere with your more serious software. Takes up valuable memory and hard-drive space..

73 DE Charles, N5PVL

Dave <kd4htu@yahoo.com> wrote in message
news:eiYz6.35966$Ho5.8630772@typhoon.southeast.rr.com...
> What version NOS are you using? There are quite a few out there. I use
> JNOS, ver 1.11d. Set your system to trace to a file... ie..
>
> trace [portname] 311 portname.trc
>
> This will write all port activity to the file portname.trc, which you may
> use any editor to view. The questions I have, does an initial AX25
> connection go through and complete, once an AX25 connection is complete,
> does a NETROM connect request get sent? When at the command line, enter
>
> netrom route info
>
> You should get a list of nodes known by your NOS system. Another
possibility
> would be conflicting routes, say two ports providing the same information.
> I assume you have a netrom interface attached.. ie...
>
> netrom interface [ax25 portname] quality minquality
>
> OK, quality is the level which your port will assign to the nodes which
you
> can see direct, minquality is the level you set as the lowest you wish to
> have in your netrom routes. Please be sure that minquality is below the
> port quality, otherwise you'll not see any nodes on your list. There are
> many other netrom variables that will determine the behavior of your

netrom
> system.
>
> > Hi all, I've been fiddling with setting up a NOS packet system and am
> > at an impasse. I've got my system configured for AX25, NET/ROM &
> > TCP/IP, and can do an ax25 connect to the local node as if I were just
> > using a terminal program.
> >
> > I've tried a NET/ROM connect and it shows the 'Trying xyz @ xyz'
> > message and the session info shows 'Conn Pending', but it never
> > seems to complete the connect and eventually times out.
> >
> > Any ideas on what I'm missing here? I'm guessing a successful
> > connect should put me into the BBS of the system I'm trying to connect
> > to ('info' command on that system shows that is what the NET/ROM ID
> > is.)
> >
> > Once I get this working, my next challenge will be forwarding, any
> > pitfalls I ought to be aware of for that? Appreciate any assistance
> > you can send my way.
>

773. Re: Palm Pilot Packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-10 22:30:59 UTC
From: David Snyder Hale <david@isi9.mtwilson.edu>
Message-ID: <9b01j3lra2@agate.berkeley.edu>
Source record: 8910

I'd be particularly interested in KISS mode stuff,
since I was planning on building the packet modem
from QST anyway.

--
Dave * N3WTK (DM04xf) * http://isi.mtwilson.edu * n3wtk@arrl.net

774. "NOSintro" -- TCP/IP over Packet Radio -- new website

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 08:17:56 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <IIx$DaA0MB16EwoX@netro.co.uk>
Source record: 8912
Cross-posted to: rec.radio.amateur.digital.misc,alt.ham-radio.packet,uk.radio.amateur

We've moved to a new website. All you want to know about the book
"NOSintro -- TCP/IP over Packet Radio" is now at:

http://www.ian.wade.care4free.net/nosintro.htm

All about how to configure and run TCP/IP under KA9Q NOS, plus
interfacing to NET/ROM and legacy BBS networks.

Large extracts from the book are on the site.

--
73
Ian, G3NRW
g3nrw@tapr.org

775. Re: free PIC Pascal compiler

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 09:00:59 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9d87ab.18e.nomail@linux.pe1chl.ampr.org>
Source record: 8913

K7MEM <jda@rupert.tds-az.lmco.com> wrote:
>It turns out that there is a "meta" statement on line 3 of the
>html code that makes Netscape 4.72 go crazy:

><meta http-equiv="Content-Type" content="text/html;
>charset=windows-1257">

>If you remove the end of this statment so that it reads:

><meta http-equiv="Content-Type" content="text/html">

>the page works fine with Netscape 4.72. The earlier versions of Netscape
>must ignore the bad line.

It is not a bad line, it is a specification of a character set that you
apparently don't have installed on the computer. That very early version
of Netscape probably does not support the notion of character sets and just
ignores it.

The behaviour of showing any unknown character as a ? is bad in this case,
but the browser does not know what kind of character set it really is.
Just mapping everything 1:1 into iso-8859-1 characters apparently works in
this case, but in other cases would have resulted in junk that is just as
unreadable (try it on a Japanese page).

As Unix/Linux users know, most windows users don't even realize they are
publishing information in a character set that is unique to their region
and even their system. Anything typed in a US version of M$ Word and then
published on the Web is in the windows-1252 character set that sort of
resembles iso-8859-1, but differs in the usual M$ "embrace and extend"
ways. When a Word user types a ", he gets what M$ calls "a smart quote"
and what others (on non-Windows systems) see as a question mark.
That really makes it look like a dumb quote.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

776. PTC-IIpro Was: Where do used PTC-II's get resold?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 10:26:48 UTC
From: Seth Miller <sethmiller73@email.com>
Message-ID: <3AD43168.5D634BA4@email.com>
Source record: 8914

Which raises a good question... what does the PTC-IIpro add that would make one want to upgrade? I see a faster processor and a TXCO timebase, but will these really make a significant difference in on-the-air performance? Also some minor upgrades, such as a built-in audio amp and more memory (for the internal mailbox?). Nice to have I suppose, but enough to justify the cost of upgrading..? Seems like more of an incremental hardware upgrade than anything else.

- Seth N6SQ

"Wolf Hï¿½ller" wrote:

> "Rob" <Pse@NoEmail.Com> schrieb im Newsbeitrag
> news:VYIA6.18095$TW.82143@tor-nn1.netcom.ca...
> > Check EBAY. But once you have a PTC II, you don't want to give it up. It
> > is a FANTASTIC modem! Pactor II is amazing. You won't see many in the
> used
> > market. Maybe when SCS releases a NEWER modem, you will see some PTC II's
> > on the used market.
> >
> Hi Ron and the group!
>
> After releasing the new PTC-IIpro I think several ham's will upgrade from
> PTC-II or PTC-IIe. So I think there will some PTC's be available in the near
> future.
>
> 73 de Wolf
> oe7ftj@gmx.at

777. FlexDigi "user" port option

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 12:06:08 UTC
From: Charles Brabham <n5pvl@hotmail.com>
Message-ID: <9b1dom$hpm1@baran22.ttnet.net.tr>
Source record: 8915

Is anybody else running the "user port" option on their FlexDigi nodes in the US? This option activates a TXDELAY sniffer. If a connectee has 100ms or more TXDELAY than his radio needs, the node sends them a short message and disconnects them.

Sounds unfriendly, but it's really a case of "tough love"... We enabled "user port" on a FlexDigi here, and it didn't take long for the local packet ops to discover that the default 300ms TXD in their TNC's is generally twice as long as it needs to be. Most of us run 100-150ms TXD now, depending on what our radio will handle.

The TXD sniffer doesn't measure the over-all TXD, only the extra that your radio does not need, so if your old rig really does need 300+ms TXD, the digi will allow it.

An average 150-200ms difference per transmission doesn't sound like much, but strangely enough the difference is very noticable on the air. It adds up. Things got "snappier" as the members of the LAN adjusted their software in order to access the node. No complaints either, which was a real surprise.

In short, one or two character transmissions (commands to a node, cluster, BBS or mailbox) the old 300ms TXD was actually longer than the packets. Maybe thats why the difference is so easy to notice. Also, the "turn around time" between longer transmissions was reduced noticably.

I've heard that other US FlexDigi SYSOPs who tried the "user port" option were flooded with complaints... It didn't happen here, though.

Anybody else tried this? If so, how did it go? The response here was so good that we are seriously thinking of introducing DAMA access. The local Hams here in south Texas have demonstrated a willingness to try new ways of doing things in order to enjoy better performance. Most of our nodes here are 800-1000 ft. up, so HTS is a real problem. DAMA will effectively eliminate that, speeding things up a bit more and letting Hams run directional antennas (yagis) along with the minimum power needed to access the node.

That stuff about everybody in the LAN needing to run omnidirectional antennas and high power in order to be heard by every other station in the LAN is pretty silly, and it will be great to get away from it for good.

Anybody in the US using DAMA? If not, why not?

73 DE Charles, N5PVL

778. Re: free PIC Pascal compiler

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 15:17:48 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3AD4759C.2BFDD32F@preferred.com>
Source record: 8916

Rob Janssen wrote:
>
> K7MEM <jda@rupert.tds-az.lmco.com> wrote:
> >It turns out that there is a "meta" statement on line 3 of the
> >html code that makes Netscape 4.72 go crazy:
>
> ><meta http-equiv="Content-Type" content="text/html;
> >charset=windows-1257">
>
> >If you remove the end of this statment so that it reads:
>
> ><meta http-equiv="Content-Type" content="text/html">
>
> >the page works fine with Netscape 4.72. The earlier versions of Netscape
> >must ignore the bad line.
>
> It is not a bad line, it is a specification of a character set that you
Good explanation.
The page was displayed correctly under Microsoft Explorer on my HP
laptop.

> apparently don't have installed on the computer. That very early version
> of Netscape probably does not support the notion of character sets and just
> ignores it.
>
> The behaviour of showing any unknown character as a ? is bad in this case,
> but the browser does not know what kind of character set it really is.
> Just mapping everything 1:1 into iso-8859-1 characters apparently works in
> this case, but in other cases would have resulted in junk that is just as
> unreadable (try it on a Japanese page).
>
> As Unix/Linux users know, most windows users don't even realize they are
> publishing information in a character set that is unique to their region
> and even their system. Anything typed in a US version of M$ Word and then
> published on the Web is in the windows-1252 character set that sort of
> resembles iso-8859-1, but differs in the usual M$ "embrace and extend"
> ways. When a Word user types a ", he gets what M$ calls "a smart quote"
> and what others (on non-Windows systems) see as a question mark.
> That really makes it look like a dumb quote.
>
> Rob
> --
> +-------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |

> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

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http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
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779. Re: FlexDigi "user" port option

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 17:43:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9d95tn.18e.nomail@linux.pe1chl.ampr.org>
Source record: 8917

Charles Brabham <n5pvl@hotmail.com> wrote:
>Is anybody else running the "user port" option on their FlexDigi nodes in
>the US? This option activates a TXDELAY sniffer. If a connectee has 100ms
>or more TXDELAY than his radio needs, the node sends them a short message
>and disconnects them.

>Sounds unfriendly, but it's really a case of "tough love"... We enabled
>"user port" on a FlexDigi here, and it didn't take long for the local packet
>ops to discover that the default 300ms TXD in their TNC's is generally twice
>as long as it needs to be. Most of us run 100-150ms TXD now, depending on
>what our radio will handle.

>The TXD sniffer doesn't measure the over-all TXD, only the extra that your
>radio does not need, so if your old rig really does need 300+ms TXD, the
>digi will allow it.

My version of NET also has it. But not the "disconnect" stuff.
When connected to the node one can ask for a list of measured TXD figures
(as you say, only the extra txd above the required minimum), like this:

```
txd lap48
UTR:PI1RNI} TXDELAY on lap48:
Callsign TXD(ms) Mdev Samples
PE1CHL 73 0 2069
PA0BHK 97 29 349
PA3EDN 8 5 263
PA0MRN 172 15 872
PI8UTR 19 4 206
PD0MGX 132 10 218
PA0BEL 144 8 536
PE1ARN 40 6 271
PA0WWM 127 7 58
PE1EZW 221 6 471
NOCALL 190 19 7
PA0RIN 184 6 10
PE1PPJ 61 8 50
PA0GUY 118 7 1757
PE1PIO 47 2 535
PA3AZK 86 0 1
txd lap96
UTR:PI1RNI} TXDELAY on lap96:
Callsign TXD(ms) Mdev Samples
PE1CHL 68 6 336
PE1ARN 211 7 139
PI8UTR 237 52 7
```

PA3APN 147 33 14
PA3EJM 36 3 191
PE1PET 28 7 583
PA3BKX 283 12 189
PI1UTR 158 5 10
PE1PE 23 0 1
PA4TU 86 17 3474
PA3BEF 87 2 767
PA3EDN 49 6 12
PA3ERT 83 9 3
PD0MGX 68 29 10
PA3AKO 10 0 1

As you can see, the 300 ms syndrome is present here too. Unbelievable how many stations are running 9600 bps with apparently 300 ms TXD where 50-100 would be enough.
The Mdev (mean deviation) figure shows the variation in measured txdelay. Sometimes this figure is high, because the transceiver shows a variable time to lock on, or the txdelay generated by the software varies by +/1 one timer tick. That can be as much as 55ms in some software.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

780. free PIC Pascal compiler. invalid link???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-11 21:02:13 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3AD4C655.CD79D786@preferred.com>
Source record: 8918

Ok, after realizing that Netscape had a problem with character sets I go
with IE to get the pascal compiler.
I go through the questionier and get to the actual download zip file.
However, attempting to get it results in a "invalid link error".

Has anybody successfully downloaded it?

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

781. DR-135: APRS set up

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-12 03:58:44 UTC
From: Mark <mdgs@sympatico.ca>
Message-ID: <UJ9B6.640293$JT5.17441790@news20.bellglobal.com>
Source record: 8919

Has one out there found how to set up the DR-135TP, with the APRS program 2.4.6 yet. Or were I could find out about it.

Mark

ve3thg@rac.ca

782. Re: FlexDigi "user" port option

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-12 04:21:33 UTC
From: Charles Brabham <n5pvl@hotmail.com>
Message-ID: <9b36th$mc55@baran22.ttnet.net.tr>
Source record: 8920

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn9d95tn.18e.nomail@linux.pe1chl.ampr.org...

>snip<.
>
> >The TXD sniffer doesn't measure the over-all TXD, only the extra that
your
> >radio does not need, so if your old rig really does need 300+ms TXD, the
> >digi will allow it.
>
> My version of NET also has it. But not the "disconnect" stuff.
> When connected to the node one can ask for a list of measured TXD figures
> (as you say, only the extra txd above the required minimum), like this:
>
> txd lap48
> UTR:PI1RNI} TXDELAY on lap48:
> Callsign TXD(ms) Mdev Samples
> PE1CHL 73 0 2069
> PA0BHK 97 29 349
> PA3EDN 8 5 263
> PA0MRN 172 15 872
> PI8UTR 19 4 206
> PD0MGX 132 10 218
> PA0BEL 144 8 536
> PE1ARN 40 6 271
> PA0WWM 127 7 58
> PE1EZW 221 6 471
> NOCALL 190 19 7
> PA0RIN 184 6 10
> PE1PPJ 61 8 50
> PA0GUY 118 7 1757
> PE1PIO 47 2 535
> PA3AZK 86 0 1
> txd lap96
> UTR:PI1RNI} TXDELAY on lap96:
> Callsign TXD(ms) Mdev Samples
> PE1CHL 68 6 336
> PE1ARN 211 7 139
> PI8UTR 237 52 7
> PA3APN 147 33 14
> PA3EJM 36 3 191
> PE1PET 28 7 583
> PA3BKX 283 12 189
> PI1UTR 158 5 10

> PE1PE 23 0 1
> PA4TU 86 17 3474
> PA3BEF 87 2 767
> PA3EDN 49 6 12
> PA3ERT 83 9 3
> PD0MGX 68 29 10
> PA3AKO 10 0 1
>
>
> As you can see, the 300 ms syndrome is present here too. Unbelievable how
> many stations are running 9600 bps with apparently 300 ms TXD where 50-100
> would be enough.

That (your software's TXD display) looks very good.

> The Mdev (mean deviation) figure shows the variation in measured txdelay.
> Sometimes this figure is high, because the transceiver shows a variable
> time to lock on, or the txdelay generated by the software varies by +/1
> one timer tick. That can be as much as 55ms in some software.
>

You might consider putting the "warning and disconnect" in there as an option. It sure eliminated the problem in a hurry here. If you run a lot of extra TXD, you just don't play. I was told to expect a lot of complaints, and fully expected them. It seems like a reasonable thing to expect... - But the complaints never materialized, perhaps because they had to adjust their TXD anyway in order to complain, and by then they had a chance to see the difference it makes for themselves and lost the desire to fuss about it.

I get the impression that modernizing things is much more of a struggle here in the US than it has been across the pond. I'm glad it's that way for you folks, and am doing what I can to bring a little bit of that over here.

Notice how I got no replies whatsoever from here in the US? Oh, well; You can't drink a quart of tequila in one big swallow, but must do for it one gulp at a time.

73 DE Charles, N5PVL

783. Re: FlexDigi "user" port option

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-12 08:43:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9daqlm.18e.nomail@linux.pe1chl.ampr.org>
Source record: 8921

Charles Brabham <n5pvl@hotmail.com> wrote:

>That (your software's TXD display) looks very good.

>> The Mdev (mean deviation) figure shows the variation in measured txdelay.
>> Sometimes this figure is high, because the transceiver shows a variable
>> time to lock on, or the txdelay generated by the software varies by +/1
>> one timer tick. That can be as much as 55ms in some software.

>You might consider putting the "warning and disconnect" in there as an
>option. It sure eliminated the problem in a hurry here. If you run a lot of
>extra TXD, you just don't play. I was told to expect a lot of complaints,
>and fully expected them. It seems like a reasonable thing to expect... - But
>the complaints never materialized, perhaps because they had to adjust their
>TXD anyway in order to complain, and by then they had a chance to see the
>difference it makes for themselves and lost the desire to fuss about it.

Well, the above feature has been in the software since 1995, according to
this entry in the change history:

PE1CHL.950819:

TXDELAY measurement added to SCC driver. For the first packet in a
transmission, the time between "DCD on" and the start of the packet is
measured, and an average value is kept for a number of callsigns on
each interface.
The command "ax25 txdelay <iface> <numtxdelay>" specifies the number of
callsigns to keep for each interface, default is 0.
Example: ax25 txdelay lap48 23
Using "ax25 txdelay <iface>" a list is displayed, specifying the
measured txdelay, the mean deviation on the measurement, and the number
of measurements (samples) that have been made for each callsign.
The command TXDELAY in the NET/ROM also displays this list.
Stations can optimize their TXDELAY setting by aiming for some low value
of measured TXDELAY, e.g. 50 ms. After a change, a number of
transmissions should be made to allow the average to be updated. When
the "Mdev" has a low value, the measured TXDELAY value should be OK.
Note that for some modems it may not be possible to get a low value,
because they give DCD before they are actually ready to demodulate data.

I wasn't the inventor of this, I think either Flexnet or Thenet had it
even before that date.

I considered adding a feature to report bad txdelay to users, but I
am opposed to sending warning messages in-band in a connection, as
connections are often used by automated systems which would not understand
such warnings and would misbehave (e.g. corrupt forwarded bulletins,

automatically re-connect immediately after such a message, etc).
Warnings would also have to consider the next level transport protocol
(here it often is TCP/IP) and the correct party to send the warning to
(e.g. when a station is worked via a digipeater, the actual guilty party is
the digipeater, not the connecting station).

Much more complicated than one would think at first glance. Ignorance
about problems like this has already lead to a lot of crap in packet radio
programs (like the "Reconnected to XYZ" when the endpoint of a link via a
node disconnects). Many people don't understand connection transparency.

So I considered it better not to try this. When the measurement feature
was incorporated, I have spread a few messages to bring it to people's
attention and tell them what to do to optimize their station. But of
course that is 6 years ago and the problem just slowly returns because
people don't know or don't care...

>I get the impression that modernizing things is much more of a struggle here
>in the US than it has been across the pond. I'm glad it's that way for you
>folks, and am doing what I can to bring a little bit of that over here.

>Notice how I got no replies whatsoever from here in the US? Oh, well; You
>can't drink a quart of tequila in one big swallow, but must do for it one
>gulp at a time.

Well, while the impression from discussions I see over here certainly is
that the packet network has been much more advanced over here than it is in
the USA (both in software development and in actual deployment of faster
radio hardware), that situation may be quickly equalizing because of the
rapid decay occurring in the past months. The network is falling apart
because some things break, sysops of the golden years are no longer active,
and new folks are not interested to take over because alternatives exist
now that require much less effort. Once you are below a certain critical
mass of functioning network, an extra link that breaks is no longer
considered top priority to repair (as it was before).

10-15 years ago a packet radio network was two things: a nice experiment
using radio, and a novelty in transporting messages from person to person.
Now, it is only a radio experiment. Apparently that is not enough to
sustain the network (which requires a lot of systems to be maintained in
good working order). Thus the network breaks apart in local activity cells
linked by other means than radio.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

784. Re: AX25 support under FreeBSD?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-12 16:08:28 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <0qkB6.169$vq1.16977@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8922
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

You could also run back-to-back ethernet controllers,
in case you can't convince the pipe driver to talk to JNOS.

--

... Hank

http://horedson.home.att.net

"Ram" <Ram@usa.net> wrote in message
news:3ad19981$0$184$456d72a3@news.skynet.be...
> I once saw JNOS in a Linux environment and interfacing through a pipe.
>
> Maybe one can compile JNOS in FreeBSD and use this a interface for a
> KISS-tnc. TCP/IP connection with the system can be made by a named-pipe.
>
> Ian Wade wrote in message ...
> >I have just had an email from Andy in Slovenia, asking about AX.25
> >driver support under FreeBSD. He says he will write his own if nothing
> >already exists, but I'm sure someone must have trodden this path before.
> >
> >If you know where he can find suitable drivers, please email him direct
> >(he does not have access to Usenet newsgroups).
> >
> >His address: Aleksander (Andy) Rozman <aleksander.rozman@hermes.si>
> >
> >Thanks.
> >
> >73
> >Ian, G3NRW
>
>

785. Re: FlexDigi "user" port option

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-13 03:06:03 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AD66D1A.C5AE2137@dioxine.com>
Source record: 8923

Charles Brabham wrote:

> An average 150-200ms difference per transmission doesn't sound like much,
> but strangely enough the difference is very noticable on the air. It adds
> up. Things got "snappier" as the members of the LAN adjusted their software
> in order to access the node. No complaints either, which was a real
> surprise.

I once had a local "hub" station that forwarded BBS traffic to a net/rom node
on 145.01; the operator was either ignorant or malicious, or both, and set his
TXDelay to something in excess of 500mS, AxFrame to 4, and an AckTimer of
1 second. Since the net/rom forwarded on the same frequency, the Acks were
invariably delayed much longer than the timer was willing to wait.

If I listened to the channel, the 500mS+ TXD followed by a relatively short
payload, repeating what seemed endlessly, was annoying as Hell.

Obviously, it severely broke the channel, which seemed to come as an amusement
to the operator.

Dana K6JQ
dana@dioxine.com

786. HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-14 14:36:42 UTC
From: Paulo <ct1fms@hotmail.com>
Message-ID: <9b9n53$r3u$1@venus.telepac.pt>
Source record: 8924

Hi.

I need a AM7910/AM7911

Can you help me ?

Tanks

Paulo (ct1fms)

787. Will Trade ICOM programming CS 2800 for IC2800 H for the SW for IC-T2H HT.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-15 13:18:42 UTC
From: cc <c@c.com>
Message-ID: <SchC6.4174$Fh.98355@nnrp1.ptd.net>
Source record: 8925

Will Trade ICOM programming CS 2800 for IC2800 H for the SW for IC-T2H HT.

788. DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-17 04:26:51 UTC
From: Greg <greglh@gte.net>
Message-ID: <3ADBC5F4.AC8BF6AA@gte.net>
Source record: 8926

I recently purchased a used AEA DSP-2232 TNC/Modem. The unit acts strange in that the tuning 'bar' graphs fluctuate wildly EVEN WHEN NO RADIO OR COMPUTER HOOKUP is present!

Needless to say, the ability to tune in a signal using these meters is hopeless. However, the TNC does appear to operate correctly in generating digital signals, and reception of signals is possible if tuning by ear is managed (depends on band/mode, etc.)

Does anyone have any insights into the operation of the tuning indicators? Iis there a likelihood that additional parts of the DEmodulator circuits are bad, thus generating noise that the meters are 'hearing'?

Advise greatly appreciated!

Greg
K7YDL@qsl.net

789. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-17 07:52:04 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9dnth4.h0t.nomail@linux.pe1chl.ampr.org>
Source record: 8927

Greg <greglh@gte.net> wrote:
>I recently purchased a used AEA DSP-2232 TNC/Modem. The unit acts
^^^
>indicators? Iis there a likelihood that additional parts of the
>DEmodulator circuits are bad, thus generating noise that the meters are
^^^^^^^^^^^^^^^^^^^

This is a DSP unit. DSP stands for Digital Signal Processing.

That means that there are no demodulator circuits. Demodulation is done in
software. The signal is converted from analog to digital right at the
radio input, and then processed using clever software only very few people
on earth can understand, let alone develop...

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

790. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-17 17:43:08 UTC
From: jdouglas@timewave.com
Message-ID: <3adc7d42.337295705@news.minn.net>
Source record: 8928

On Tue, 17 Apr 2001 04:26:51 GMT, Greg <greglh@gte.net> wrote:

>I recently purchased a used AEA DSP-2232 TNC/Modem. The unit acts
>strange in that the tuning 'bar' graphs fluctuate wildly EVEN WHEN NO
>RADIO OR COMPUTER HOOKUP is present!
>
>Needless to say, the ability to tune in a signal using these meters is
>hopeless. However, the TNC does appear to operate correctly in
>generating digital signals, and reception of signals is possible if
>tuning by ear is managed (depends on band/mode, etc.)
>
>Does anyone have any insights into the operation of the tuning
>indicators? Iis there a likelihood that additional parts of the
>DEmodulator circuits are bad, thus generating noise that the meters are
>'hearing'?
>
>Advise greatly appreciated!
>
>Greg
>K7YDL@qsl.net
>
>
>
Hello Greg,

It is quite normal to see flickers in the tuning bars of DSP (and
non-DSP) TNCs with no signal applied. This is just odd bits of noise
the DSP mathematics produce while trying to filter. As soon as a
signal is applied the unit will work properly.

If the display is fluctuating "wildly", then you may have other
problems. Be sure you have a well regulated supply of at least an amp
and a half.

There are no internal adjustments to change the display fluctations.

In the very first few DSP-2232's AEA produced (less than 100 I
believe) there was a factory mod that cut a couple of traces and added
a component or two to fix a noise problem. You may have one of these.

All the best,

John N&#65533;ISL
Sales manager
Timewave Technology

791. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-17 20:16:26 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10104172014270.27316-100000@exp.bde-arc.ampr.org>
Source record: 8929

On Tue, 17 Apr 2001, John Douglas wrote:
> On Tue, 17 Apr 2001 04:26:51 GMT, Greg <greglh@gte.net> wrote:
> >I recently purchased a used AEA DSP-2232 TNC/Modem. The unit acts
> >strange in that the tuning 'bar' graphs fluctuate wildly EVEN WHEN NO
> >RADIO OR COMPUTER HOOKUP is present!
> >
> >Needless to say, the ability to tune in a signal using these meters is
> >hopeless. However, the TNC does appear to operate correctly in
> >generating digital signals, and reception of signals is possible if
> >tuning by ear is managed (depends on band/mode, etc.)
> >
> >Does anyone have any insights into the operation of the tuning
> >indicators? Iis there a likelihood that additional parts of the
> >DEmodulator circuits are bad, thus generating noise that the meters are
> >'hearing'?
> >
> >Advise greatly appreciated!
>
> It is quite normal to see flickers in the tuning bars of DSP (and
> non-DSP) TNCs with no signal applied. This is just odd bits of noise
> the DSP mathematics produce while trying to filter. As soon as a
> signal is applied the unit will work properly.
>
> If the display is fluctuating "wildly", then you may have other
> problems. Be sure you have a well regulated supply of at least an amp
> and a half.
>
> There are no internal adjustments to change the display fluctations.
>
> In the very first few DSP-2232's AEA produced (less than 100 I
> believe) there was a factory mod that cut a couple of traces and added
> a component or two to fix a noise problem. You may have one of these.

...And with nothing connected, there very well may be a "signal" received on the input. What happens if you ground the input? Without grounding and no other connection, your unit could be picking up noise from other electronic devices nearby, distant lightning, or even galactic background noise!

792. TFX software wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-18 08:56:07 UTC
From: allanwood3@aol.comnojunk
Message-ID: <20010418045607.12780.00000596@ng-fr1.aol.com>
Source record: 8930

I have a PTC-II multimode controller. Just for interest, I want to use it to look at HF 300 baud packet stations. The handbook says I need a TSR programme called TFX which is on the supplied discs. No such programme appears on my discs, nor can I seem to find it anywhere.

Can anyone please either send me a copy by e-mail or point me at somewhere from which I can obtain a copy.

Many thanks.

Allan

793. New at packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-18 11:31:13 UTC
From: Marcus <marcus2@mediaone.net>
Message-ID: <5WeD6.174113$LO3.27749810@typhoon.we.rr.com>
Source record: 8931

I would like to just rec. packet.
How would i go about that??
And can someone sell me a good "simple" tnc with everthing?
I live in Fresno Ca. If anyone can help.
Thks

794. Re: TFX software wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-18 14:29:58 UTC
From: Markus Lenggenhager <markus.lenggenhager@nospam.philips.com>
Message-ID: <9bk8bp$5k2$1@porthos.nl.uu.net>
Source record: 8932

See here: http://www.microlet.com/tfpcx/index.htm

Markus HB9BRJ

795. Re: TFX software wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-18 14:55:28 UTC
From: Michael Wuensche <dl8fbh@dl8fbh.ampr.org>
Message-ID: <9bk9t0$9l1$1@dl8fbh.ampr.org>
Source record: 8933

Allan Wood3 <allanwood3@aol.comnojunk> wrote:

> I have a PTC-II multimode controller. Just for interest, I want to use it to
> look at HF 300 baud packet stations. The handbook says I need a TSR programme
> called TFX which is on the supplied discs. No such programme appears on my
> discs, nor can I seem to find it anywhere.

> Can anyone please either send me a copy by e-mail or point me at somewhere from
> which I can obtain a copy.

from this group (April 10):

This is NOT true. READ the PTC II manual. 300 baud packet operation is
possible with the PTC II. I have done it!! You need a program called TFX
2.8 available from www.nordlink.org. (Click on FIRMWARE even though TFX 2.8
really isn't firmware. It runs on your PC). You will also need a good
terminal program that operates in the WA8DED hostmode. Many Hams use Grafik
Packet available from http://www.higgy.de/fert_e.htm

The PTC II manual provides all the details to make 300 baud HF packet
possible with the PTC II. (In fact the TFX 2.8 program does ALL the hard
work. The PTC II just acts like a VERY simple modem).

Michael
--
44.130.24.127 --> dl8fbh-10, http://dl8fbh.ampr.org
BOX: db0lj.#rpl.deu.eu AX-ROUTE: via db0gv-7 8

796. Re: New at packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-18 22:02:21 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3ADE0EED.29A1AE4B@dialpoint.net>
Source record: 8934

Here is a place where you can download a packet program that will use
the sound card of your computer. Just hook the audio out of you
rreceiver to the aduio in of the sound card.

http://www.muenster.de/%7Ewelp/sb.htm

I don't really know what you mean 'with everything' . Packet is it,
just packet from the TNC and if you want anything very special then you
have to have softwear to do it.

Marcus wrote:
>
> I would like to just rec. packet.
> How would i go about that??
> And can someone sell me a good "simple" tnc with everthing?
> I live in Fresno Ca. If anyone can help.
> Thks

797. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 03:56:51 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3ADFB383.C70F7D03@dioxine.com>
Source record: 8935

"D. Stussy" wrote:

> > In the very first few DSP-2232's AEA produced (less than 100 I
> > believe) there was a factory mod that cut a couple of traces and added
> > a component or two to fix a noise problem. You may have one of these.
>
> ...And with nothing connected, there very well may be a "signal" received on
> the input. What happens if you ground the input? Without grounding and no
> other connection, your unit could be picking up noise from other electronic
> devices nearby, distant lightning, or even galactic background noise!

Wouldn't it be just a little more likely that the 'noise' picked up by the
unit is generated internally in the op-amps in the analog audio chain?

Dana K6JQ
dana@dioxine.com

798. Need help with Model 15 Teletype

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 04:38:05 UTC
From: Derek Cohn/WB0TUA <vibroplex@mindspring.com>
Message-ID: <9boeekouu1@slb7.atl.mindspring.net>
Source record: 8936

Dear All,

I have just inherited a Model 15 teletype and I'm interested in exploring if it can be made to work on RTTY. Can someone who is running a Model 15 (or someone who is knowledgeable about one) get in touch with me to discuss how I can get this going?

Thanks very much for any help you can give me!

73,
--
Derek Cohn
I collect Antique Telegraph Instruments
Amateur Radio Station - WB0TUA
Morse Telegraph Club - Alton Chapter President
vibroplex@mindspring.com

799. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 08:10:36 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10104200809290.31154-100000@exp.bde-arc.ampr.org>
Source record: 8937

On Fri, 20 Apr 2001, Dana H. Myers wrote:
> "D. Stussy" wrote:
> > > In the very first few DSP-2232's AEA produced (less than 100 I
> > > believe) there was a factory mod that cut a couple of traces and added
> > > a component or two to fix a noise problem. You may have one of these.
> > >
> > ...And with nothing connected, there very well may be a "signal" received on
> > the input. What happens if you ground the input? Without grounding and no
> > other connection, your unit could be picking up noise from other electronic
> > devices nearby, distant lightning, or even galactic background noise!
> >
> Wouldn't it be just a little more likely that the 'noise' picked up by the
> unit is generated internally in the op-amps in the analog audio chain?

That's possible, but a PROPERLY engineered device would account for its OWN
noise and disregard it. I suspect it can more readily pick up the noise from
other equipment than itself because of that.

800. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 08:21:20 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9dvsc0.l4m.nomail@linux.pe1chl.ampr.org>
Source record: 8938

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>That's possible, but a PROPERLY engineered device would account for its OWN
>noise and disregard it. I suspect it can more readily pick up the noise from
>other equipment than itself because of that.

If that would be so easy as you depict it, we would be living in a
completely different (communications-)world.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

801. Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 13:53:48 UTC
From: David Spoelstra <davids@mediamachine.com>
Message-ID: <MbXD6.32695$rX5.2543322@news1.rdc1.il.home.com>
Source record: 8939
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

I'm looking for good PSK31 contest software. My problem is more on the logging and dupe checking part of the software. It seems all the current PSK31 packages I've tried out there really fall down on this part. Do people run PSK31 *and* contest logging software at the same time? Any recommendations?

-David/N9KT

802. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 14:28:40 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AE04797.41624FDC@dioxine.com>
Source record: 8940

"D. Stussy" wrote:

> On Fri, 20 Apr 2001, Dana H. Myers wrote:
>
> > Wouldn't it be just a little more likely that the 'noise' picked up by the
> > unit is generated internally in the op-amps in the analog audio chain?
>
> That's possible, but a PROPERLY engineered device would account for its OWN
> noise and disregard it. I suspect it can more readily pick up the noise from
> other equipment than itself because of that.

Interesting concept, but it does not adequately take into account physics.

Certainly, a good designer would take steps to insure that self-generated
noise does not cause aberrant operation of a system, but that's not the
same as 'disregarding' noise.

In particular, determining what 'correct' behavior is across unusual
conditions - such as operating with no input signal - is not always trivial.

In this specific case, we're talking about a frequency discriminator display
on a TNC. Very small amounts of broadband noise generated by thermal
influences on semiconductor junctions are likely to create a 'noisy' display
unless some mechanism is provided to 'squelch' the display when no
input signal is present. Since the display is usless when no signal is present,
there's no sound reason to over-engineer the device to ignore it.

So, once again, I suggest that internally-generated noise is likely the culprit.
When you get a chance to do some analog design, you'll find this is true.

Dana K6JQ
dana@dioxine.com

803. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 14:29:53 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AE047E0.8F423625@dioxine.com>
Source record: 8941

Rob Janssen wrote:

> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >That's possible, but a PROPERLY engineered device would account for its OWN
> >noise and disregard it. I suspect it can more readily pick up the noise from
> >other equipment than itself because of that.
>
> If that would be so easy as you depict it, we would be living in a
> completely different (communications-)world.

If it was easy as this, I could have flirted with the really cute girl in my
12th-grade physics class more and spent less time learning the laws of nature.

;-)

Dana K6JQ
dana@dioxine.com

804. Re: Need help with Model 15 Teletype

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 20:25:40 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9bq604mot0@216.39.171.5>
Source record: 8942

On Thu, 19 Apr 2001 23:38:05 -0500, Derek Cohn/WB0TUA wrote:
>Dear All,
>
>I have just inherited a Model 15 teletype and I'm interested in exploring if
>it can be made to work on RTTY. Can someone who is running a Model 15 (or
>someone who is knowledgeable about one) get in touch with me to discuss how
>I can get this going?
>
>Thanks very much for any help you can give me!

If it is in good condition, it will probably work. The problem is that they are so old that parts are hard to come by. Most people operating RTTY are using computers (which don't even have green keys). My last Model 15 went into a dumpster in 1984! You will need a terminal unit to interface between your radio and the Model 15. There are many designs in old issues of QST and RTTY Journal from the 1950s through early 1980s. Back issues of both of these are available on CD-ROM. ARRL has a searchable QST index (for members only) on http://www.arrl.org (RTTY journal does not, but you might take a look at the links from http://www.rttyjournal.com.)

Bob, N7XY

805. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 20:28:16 UTC
From: "Alan P. Biddle" <APBIDDLE@MAILAPS.ORG>
Message-ID: <gl61etkfpbbejqkclpk8hf2c5eu2u8d4r5@4ax.com>
Source record: 8943

John,

The mod was for units through 500. (DSP-1232 through 38) I still have the sheet in the back of my manual. I moded the unit before I even put it into service, so I can't comment on the usefulness.

Alan
WA4SCA

806. Re: Need help with Model 15 Teletype

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 23:17:07 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3AE0C373.1EC7AD57@dialpoint.net>
Source record: 8945

Look at www.rtty.com for some good info on the old tt. For starters you
can look at the coils of wire in the printer and see if they are
inseries or parallel. If series then need 20 ma to work and parallel
needs 60 ma to work.. This is usually by a power suply of about 100 to
200 volts DC and a big series resistor of abotu 2500 ohms at 10 or 15
watts for the 60 ma supply, forgot the 20 ma value. This goes in series
with the coils and keyboard contacts. You should then be able to type
locally. The machine will run wide open if the loop is broken and just
he moter and a shaft will turn if the coils have the current going to
them.

Derek Cohn/WB0TUA wrote:
>
> Dear All,
>
> I have just inherited a Model 15 teletype and I'm interested in exploring if
> it can be made to work on RTTY. Can someone who is running a Model 15 (or
> someone who is knowledgeable about one) get in touch with me to discuss how
> I can get this going?
>
> Thanks very much for any help you can give me!
>
> 73,
> --
> Derek Cohn
> I collect Antique Telegraph Instruments
> Amateur Radio Station - WB0TUA
> Morse Telegraph Club - Alton Chapter President
> vibroplex@mindspring.com

807. Need clean wav recording of WWVB

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-20 23:43:41 UTC
From: Pat Tanner <tannerpa@clarkson.edu>
Message-ID: <NQ3E6.10190$gl.1310737@typhoon.nyroc.rr.com>
Source record: 8944

Hey all!

I'm a college student in upstate NY. Want to do a signal processing project using the BCD data stream from WWVB (broadcast on 60KHz) out of Ft. Collins Col., problem is that my rig blew up during a lightning strike, and now I have no way to receive the signal. I was wondering if I could talk any of you guys in or near Colorado into recording a few minutes (3 to 5) of clean WWVB signal and emailing it to me at tannerpa@clarkson.edu or p_a_tanner@hotmail.com . WWVB has no vocal announcement, it's only AM DSB-SC modulation carrying a PWM BCD data stream. You'll know you got it if you hear a pulse every second. I've tried contacting WWV by telephone, as it broadcasts both vocal announcement and BCD data, however the telephone signal is the vocal announcement only. Best results probably at night. I'll send $20 to the first person who sends me a useable wav file, for their time and effort, and to express my appreciation!

73,

Pat Tanner
KC2CPA

808. Re: Need help with Model 15 Teletype

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-21 01:56:55 UTC
From: JerryL <jlockett@onemain.com>
Message-ID: <yK5E6.2092$lp4.1144606@nntp1.onemain.com>
Source record: 8946

Check out www.rtty.com Model 15's and 28's are very common currently in use
by many. I have several 28's in use now...

de Jerry...

"Bob Nielsen" <nielsen@remove_this.oz.net> wrote in message
news:9bq604mot0@216.39.171.5...
> On Thu, 19 Apr 2001 23:38:05 -0500, Derek Cohn/WB0TUA wrote:
> >Dear All,
> >
> >I have just inherited a Model 15 teletype and I'm interested in exploring
if
> >it can be made to work on RTTY. Can someone who is running a Model 15
(or
> >someone who is knowledgeable about one) get in touch with me to discuss
how
> >I can get this going?
> >
> >Thanks very much for any help you can give me!
>
> If it is in good condition, it will probably work. The problem is that
> they are so old that parts are hard to come by. Most people operating
> RTTY are using computers (which don't even have green keys). My last
> Model 15 went into a dumpster in 1984! You will need a terminal unit
> to interface between your radio and the Model 15. There are many
> designs in old issues of QST and RTTY Journal from the 1950s through
> early 1980s. Back issues of both of these are available on CD-ROM.
> ARRL has a searchable QST index (for members only) on
> http://www.arrl.org (RTTY journal does not, but you might take a look
> at the links from http://www.rttyjournal.com.)
>
> Bob, N7XY

809. Re: Need clean wav recording of WWVB

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-21 05:38:45 UTC
From: dvari <dvari@adelphia.net>
Message-ID: <F19E6.1023$ud6.213721@news1.news.adelphia.net>
Source record: 8947

might be of some help:
http://www.boulder.nist.gov/timefreq/stations/wwvb.htm
http://www.time.gov/
de n2rhl

"Pat Tanner" <tannerpa@clarkson.edu> wrote in message
news:NQ3E6.10190$gl.1310737@typhoon.nyroc.rr.com...
> Hey all!
>
> I'm a college student in upstate NY. Want to do a signal processing
project
> using the BCD data stream from WWVB (broadcast on 60KHz) out of Ft.
Collins
> Col., problem is that my rig blew up during a lightning strike, and now I
> have no way to receive the signal. I was wondering if I could talk any of
> you guys in or near Colorado into recording a few minutes (3 to 5) of
clean
> WWVB signal and emailing it to me at tannerpa@clarkson.edu or
> p_a_tanner@hotmail.com . WWVB has no vocal announcement, it's only AM
DSB-SC
> modulation carrying a PWM BCD data stream. You'll know you got it if you
> hear a pulse every second. I've tried contacting WWV by telephone, as it
> broadcasts both vocal announcement and BCD data, however the telephone
> signal is the vocal announcement only. Best results probably at night.
I'll
> send $20 to the first person who sends me a useable wav file, for their
time
> and effort, and to express my appreciation!
>
> 73,
>
> Pat Tanner
> KC2CPA
>
>
>
>

810. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-21 09:02:39 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-07FE73.05023921042001@enews.newsguy.com>
Source record: 8948
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

In article <MbXD6.32695$rX5.2543322@news1.rdc1.il.home.com>, "David Spoelstra" <davids@mediamachine.com> wrote:

> I'm looking for good PSK31 contest software. My problem is more on the
> logging and dupe checking part of the software. It seems all the current
> PSK31 packages I've tried out there really fall down on this part. Do
> people run PSK31 *and* contest logging software at the same time? Any
> recommendations?
>
> -David/N9KT
>
>
>

Hi David:

Imagine...

It is conceivable that software could do a better job without the operators being involved? If the "contest software" were fully integrated into the PSK31 software, then it could all be automated.

73,

--
JS
http://www.qsl.net/wd1v

811. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-21 13:21:26 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <yPfE6.21207$TW.96949@tor-nn1.netcom.ca>
Source record: 8949

You may want to check out the following:

RCKRtty at http://www.rckrtty.de/

WRITELOG at http://www.rckrtty.de/

Both programs support PSK31 and RTTY contesting.

But like MOST contest programs, you must pay for them. Don't expect a free lunch.

Rob

"David Spoelstra" <davids@mediamachine.com> wrote in message news:MbXD6.32695$rX5.2543322@news1.rdc1.il.home.com...
> I'm looking for good PSK31 contest software. My problem is more on the
> logging and dupe checking part of the software. It seems all the current
> PSK31 packages I've tried out there really fall down on this part. Do
> people run PSK31 *and* contest logging software at the same time? Any
> recommendations?
>
> -David/N9KT
>
>
>

812. Re: Need help with Model 15 Teletype

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-21 15:13:51 UTC
From: Bob McConnell <rmcconne.NOSPAM@lightlink.com>
Message-ID: <4s83etcb33t3thks8v05bvij2hs19koe3n@4ax.com>
Source record: 8950

Derek,

The TTY folks can be found on the Greenkeys mailing list. You can
subscribe at http://www.qth.net/ Several of them have Model 15's on
the air.

Bob McConnell
N2SPP

On Thu, 19 Apr 2001 23:38:05 -0500, "Derek Cohn/WB0TUA"
<vibroplex@mindspring.com> wrote:

>Dear All,
>
>I have just inherited a Model 15 teletype and I'm interested in exploring if
>it can be made to work on RTTY. Can someone who is running a Model 15 (or
>someone who is knowledgeable about one) get in touch with me to discuss how
>I can get this going?
>
>Thanks very much for any help you can give me!
>
>73,

813. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 00:05:01 UTC
From: k8cpa@arrl.net
Message-ID: <3ae21f2e.1863366@netnews.att.net>
Source record: 8801
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

On Fri, 20 Apr 2001 13:53:48 GMT, "David Spoelstra"
<davids@mediamachine.com> wrote:

>I'm looking for good PSK31 contest software. My problem is more on the
>logging and dupe checking part of the software. It seems all the current
>PSK31 packages I've tried out there really fall down on this part. Do
>people run PSK31 *and* contest logging software at the same time? Any
>recommendations?
>
>-David/N9KT
>
>
>

There is ONE piece of PSK31 and Logging software...

http://www.qsl.net/kc4elo

Logger and Zakanaka

Everything Else is just 300bps packet radio wanna be's...

73

-Chuck

K8CPA

814. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 10:08:16 UTC
From: hamish@cloud.net.au
Message-ID: <k4yE6.49335$Xx3.277294@news1.eburwd1.vic.optushome.com.au>
Source record: 8802
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

In rec.radio.amateur.digital Chuck <k8cpa@arrl.net> wrote:
> There is ONE piece of PSK31 and Logging software...
> http://www.qsl.net/kc4elo
> Logger and Zakanaka

That's too pieces..

I use Digipan and VQLog. There's no interface between them. I don't mind.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

815. Kenwood TM-D700A with external TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 12:38:22 UTC
From: Dave Gingrich <Dave-broken@dcg.org>
Message-ID: <3AE2D0AD.9596F9FB@dcg.org>
Source record: 8803

Has anyone had any luck transmitting 9600 bps packet using an external TNC with the Kenwood TM-D700A?

The internal TNC works okay at 9600 (although it's a little slow), but using the external TNC connector it doesn't pass the 4800 Hz Kantronics test tone at all. No support from Kenwood.

I was hoping to run both 9600 & 1200 together (which the internal TNC won't do) and would really like the TNC to stay in the KISS mode through a power cycle. (Running Linux AX25 TCP/IP packet drivers.)

Dave K9DC

816. Soundmoden on Linux HOWTO ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 15:39:26 UTC
From: sm7jqb@remove.svessa.se
Message-ID: <Xns908BB476A7jqb@195.67.237.51>
Source record: 8804

[posted and mailed]

Hi folks!

I am just trying to set up an Linux (RedHat 6.2) to functiun
as an AX25(TCP/IP) gate way over the soundcard modem.
I have an SoundBlaster 16 sound card, so there is no problem I hope?
The computer is an old 486DX50 with 32M of RAM 2G om HD

The rest of the computer is working fine, so far.

Next step is to compile an new core with AX25, right?

And next step will be?

Please, I ned litle help here. I fel lost!
--
Best 88 + 73 de' Bengt
mailto:sm7jqb@svessa.se http://hem.passagen.se/sm7jqb
ICQ# 7122797

817. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 15:54:59 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <v9DE6.21458$TW.98667@tor-nn1.netcom.ca>
Source record: 8805

What is VQLog? Where can I get more info?

Rob

"Hamish Moffatt VK3SB" <hamish@cloud.net.au> wrote in message
news:k4yE6.49335$Xx3.277294@news1.eburwd1.vic.optushome.com.au...
> In rec.radio.amateur.digital Chuck <k8cpa@arrl.net> wrote:
> > There is ONE piece of PSK31 and Logging software...
> > http://www.qsl.net/kc4elo
> > Logger and Zakanaka
>
> That's too pieces..
>
>
> I use Digipan and VQLog. There's no interface between them. I don't mind.
>
> Hamish
> --
> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

818. Re: Kenwood TM-D700A with external TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 16:43:23 UTC
From: "(Sv2AGW) George Rossopoulos" <sv2agw@raag.org>
Message-ID: <9bv20v$6s$1@foo.grnet.gr>
Source record: 8806

Hi

Have in mind that this Kenwood and also the V7 need very high modulation
output.
So set the Kantronics jumper to high output voltage and will work fine.
Don't forget of course to set from menu 1-9-6 the dataspeed to 9600.

73

--
(SV2AGW) George Rossopoulos
Nikanoros 59
54250 Thessaloniki,Greece
tel+30946 468009
http://www.raag.org/sv2agw
http://www.elcom.gr/sv2agw
sv2agw@pigeon.ee.auth.gr
sv2agw@raag.org

"Dave Gingrich" <Dave-broken@dcg.org> wrote in message
news:3AE2D0AD.9596F9FB@dcg.org...
> Has anyone had any luck transmitting 9600 bps packet using an external
> TNC with the Kenwood TM-D700A?
>
> The internal TNC works okay at 9600 (although it's a little slow), but
> using the external TNC connector it doesn't pass the 4800 Hz Kantronics
> test tone at all. No support from Kenwood.
>
> I was hoping to run both 9600 & 1200 together (which the internal TNC
> won't do) and would really like the TNC to stay in the KISS mode through
> a power cycle. (Running Linux AX25 TCP/IP packet drivers.)
>
> Dave K9DC
>
>

819. Re: Soundmoden on Linux HOWTO ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-22 17:53:54 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3AE31AB2.D61C9762@junglevision.com>
Source record: 8807

Bengt Samuelsson wrote:
>
> [posted and mailed]
>
> Hi folks!
>
> I am just trying to set up an Linux (RedHat 6.2) to functiun
> as an AX25(TCP/IP) gate way over the soundcard modem.
> I have an SoundBlaster 16 sound card, so there is no problem I hope?
> The computer is an old 486DX50 with 32M of RAM 2G om HD
>
> The rest of the computer is working fine, so far.
>
> Next step is to compile an new core with AX25, right?

Yup.

> And next step will be?

go to radio.linux.org.au and fine ax25-apps, ax25-tools
and libax25. Download and compile those. Install them.

Setup your config files. I think axports is the important one.

type 'call (another callsign)' and see if it works. Or at least
see if the transmit light starts blinking. Check the input volume
levels for the sound card, and which ports are turned on. (I use
an SB Pro. THis is a little funky as I remember it, but I don't
remember exactly how I solved it. I think I just hooked into
the mic in jack rather than line in and it worked.)

I might be missing a step or two, but that's the main stuff.

>
> Please, I ned litle help here. I fel lost!
> --

820. Re: DSP-2232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-23 15:10:02 UTC
From: jdouglas@timewave.com
Message-ID: <3ae44558.154018935@news.minn.net>
Source record: 8808

On Fri, 20 Apr 2001 20:28:16 GMT, Alan P. Biddle
<APBIDDLE@MAILAPS.ORG> wrote:

>John,
>
>The mod was for units through 500. (DSP-1232 through 38) I still
>have the sheet in the back of my manual. I moded the unit before I
>even put it into service, so I can't comment on the usefulness.
>
>Alan
>WA4SCA
>
Thanks Alan, My reply was from memory. The unit copied with fewer
errors after the mod than before. Mine is still in operation and does
a fine job.

73

John N&#65533;ISL
Sales Manager
Timewave Technology

821. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-23 15:20:11 UTC
From: David Spoelstra <davids@mediamachine.com>
Message-ID: <LKXE6.42406$rX5.3339444@news1.rdc1.il.home.com>
Source record: 8809

www.qsl.net/ea6vq/vqlog.html

"Rob" <Pse@NoEmail.Com> wrote in message
news:v9DE6.21458$TW.98667@tor-nn1.netcom.ca...
> What is VQLog? Where can I get more info?

822. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-23 17:40:54 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC8084CF02E@www.premiersi.com>
Source record: 8810

www.dx4win.com

"David Spoelstra" <davids@mediamachine.com> wrote in message
news:LKXE6.42406$rX5.3339444@news1.rdc1.il.home.com...
> www.qsl.net/ea6vq/vqlog.html
>
> "Rob" <Pse@NoEmail.Com> wrote in message
> news:v9DE6.21458$TW.98667@tor-nn1.netcom.ca...
> > What is VQLog? Where can I get more info?
>
>

823. WinFBB 7.00e + KPC-3 Help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 06:18:31 UTC
From: Chris McConnell <ccltx@tvec.net>
Message-ID: <tea6aa8flnvd53@corp.supernews.com>
Source record: 8811

I recently dug out the old KPC and installed WinFBB 7.00E & BPQ 4.08a so I could bring back my old BBS to the users who are without a full service BBS in my area. My problem is this:

After about 10 minutes of operation, the packets that are Tx'd by me, get too fast I.E A BBS id from me that usually lasts 2 seconds (1200) now last 1/2 second....Any suggestions?
I have tried everything from adjusting BPQ to re-installing WinFbb...I've never had this problem before so any help would be greatly appreciated...

Also, since there are no other bbs' around for forwarding on 2 meters, is there a way I can setup an internet forward via email importing messages or are there any Sysops who can give me an idea of what options there are for me?

Thanks Greatly...

Chris KK5IL

824. 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 12:39:56 UTC
From: allanwood3@aol.comnojunk
Message-ID: <20010424083956.21547.00000748@ng-ck1.aol.com>
Source record: 8812

I use the local Packet BBS from time-to-time and also the DX cluster. To avoid tying up my main 2m/70cm transceiver I'd like to get a small transceiver for 2m which I can leave on for long periods.

Can anyone please recommend a rig for this purpose. I want to buy new probably and don't have time (or the will!) to modify old gear - even though that is probably the most cost-effective solution.

Thanks.

Allan

825. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 13:58:55 UTC
From: Keith <nospamssdf@home.com>
Message-ID: <3ae585d9_2@spamkiller.newsfeeds.com>
Source record: 8813

On 24 Apr 2001 12:39:56 GMT, allanwood3@aol.comnojunk (Allan Wood3) wrote:

>I use the local Packet BBS from time-to-time and also the DX cluster. To avoid
>tying up my main 2m/70cm transceiver I'd like to get a small transceiver for 2m
>which I can leave on for long periods.

For 1200 bps packet any FM rig will do. Check around with local hams or
at swap fest. I used a Icom 2A for seven years straight on 2m packet with
no problems.

--
Best Regards,

Keith
---
http://members.home.net/keithew1/nworegon/ NW Oregon Radio topics.
Amateur Radio is a international resource and asset.
Need a daily digest of rec.radio.swap newsgroup? Join
recradioswap at Yahoo! Groups.
---

826. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 15:47:53 UTC
From: Shane Deering <vk3bvp@vk3bvp.#sev.vic.aus.oc>
Message-ID: <VKBV8145DAD2@vk3bvp-3.ampr.org>
Source record: 8814

>
> Can anyone please recommend a rig for this purpose. I want to buy new
probably
> and don't have time (or the will!) to modify old gear - even though that
is
> probably the most cost-effective solution.
>
> Thanks.
>
> Allan
>

Just about anything except radios that have an auto shut down if left idle
if you are going to leave it unattended, otherwise you should be able to
use anything. I have got an old H/H here that needs a really long
TXDelay (>600ms). That's not real good, but it did work.

I prefer 828s for packet (I've got three of them running here on packet).
No mods needed, just a set of crystals and a quick tune up for 2M.
You know no matter what, the rig is going to be where you left.
No flat mem backup batteries or glitched CPUs to worry about.
But you can't hop around the packet frequencies if you have a number
of them in your area.

I ran an FT-227R on packet for years. Good little mobile rig that you
can hardwire to start up on any frequency (like your favourite packet one).
They are getting on a bit, but worth a look if you know someone who
is selling one.

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm

827. Linux Serial Port Access Source Code?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 21:03:00 UTC
From: Brian Short <k7on@earthlink.net>
Message-ID: <MPG.154ffa869b641f9d9896b8@news.earthlink.net>
Source record: 8815

Can anyone point me at some good serial port access
source code for Linux (in C) that I may use in my
programs?

--
mailto:k7on@earthlink.net >< http://www.qsl.net/k7on/
--

828. Re: Linux Serial Port Access Source Code?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 22:32:16 UTC
From: Keith <nospamssdf@home.com>
Message-ID: <3ae5fe28$1_2@spamkiller.newsfeeds.com>
Source record: 8816

On Tue, 24 Apr 2001 21:03:00 GMT, Brian Short <k7on@earthlink.net> wrote:

>
>Can anyone point me at some good serial port access
>source code for Linux (in C) that I may use in my
>programs?
>
>--
>mailto:k7on@earthlink.net >< http://www.qsl.net/k7on/

Check freshmeat or source code in minicom.

--
Best Regards,

Keith
---
http://members.home.net/keithew1/nworegon/ NW Oregon Radio topics.
Amateur Radio is a international resource and asset.
Need a daily digest of rec.radio.swap newsgroup? Join
recradioswap at Yahoo! Groups.
---

829. Want to Buy

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-24 22:49:25 UTC
From: brradioman <brradioman@charter.net>
Message-ID: <tec0p8r6sk8nd7@corp.supernews.com>
Source record: 8817

Want to Buy Cable for Kam allmode too work with IC-706MKII
if you have one for sale email me Bob N2BR brradioman@charter.net

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.250 / Virus Database: 123 - Release Date: 4/18/01

830. FA: HAL P38, AEA PK-900, PK232MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 00:47:42 UTC
From: Brian Hemmis <K3USC@worldnet.att.net>
Message-ID: <O8pF6.35126$IJ1.2960906@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8818

eBay auctions: HAL P38 # 1232880341
AEA Timewave PK-900 #1232876730
AEA Timewave PK232MBX # 1232872865

ebay seller K3USC@att.net

831. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 05:10:28 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <8%sF6.2951$AU4.236625@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8819

"Allan Wood3" <allanwood3@aol.comnojunk> wrote in message
news:20010424083956.21547.00000748@ng-ck1.aol.com...
> I use the local Packet BBS from time-to-time and also the DX cluster. To
avoid
> tying up my main 2m/70cm transceiver I'd like to get a small transceiver for
2m
> which I can leave on for long periods.
>
> Can anyone please recommend a rig for this purpose. I want to buy new
probably
> and don't have time (or the will!) to modify old gear - even though that is
> probably the most cost-effective solution.

The older Icoms and Kenwoods are very good, e.g. TR-7930/TR-7950.
I have had a 7950 on air 24/7 since about 1986 with zero problems.

IC-2100 is pretty inexpensive right now, and is a good packet rig.

--

... Hank

http://horedson.home.att.net

832. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 06:39:27 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AE6711E.E36C8BD7@dioxine.com>
Source record: 8820

Hank Oredson wrote:

> IC-2100 is pretty inexpensive right now, and is a good packet rig.

My experience with the IC-2000, the predecessor to the IC-2100, easily
backs up the notion this is a good 2m rig.

Hey Hank, any good tips on '99 Oregon Pinot Noir? Had a lovely visit
to the Lazy Creek Winery in the Anderson Valley this last Sunday... and
came home with a half-case of the superb '99 PN. I know it's a long
way from Oregon...

Dana K6JQ
dana@dioxine.com

833. Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 11:38:55 UTC
From: afrb2@cus.cam.ac.uk
Message-ID: <9c6d0f$97c$1@pegasus.csx.cam.ac.uk>
Source record: 8821

I'm trying to persaude an old PC in the office to act as a Packet Node.
It's got a genuine SB-16 card installed, which works with the sound
driver in the kernel. However with the soundmodem I can't get anything
working!

Card is a SB16 (genuine) and using modules sb,uart401,sounds,soundcore
and soundlow it enits sound when I cat a random file to /dev/audio.
I can remove these modules and install the soundmodem driver fine,
but I'm having trouble with sethdlc of the following form:

Kernel version in use is 2.2.17. Following the instructions in the
kernel tree documentation I proceed thus:

```
% insmod soundcore
% insmod soundlow
% insmod sound
% insmod uart401
% insmod sb io=0x220 irq=7 dma=1
% rmmod sb
% rmmod uart401
% rmmod sound
% insmod soundmodem mode="sbc:fsk9600" iobase=0x220 irq=7 dma=1
% sethdlc -i sm0 -p mode "sbc:fsk9600" io 0x220 irq 7 dma 1

sethdlc: Version 0.5; (C) 1996-1997 Thomas Sailer HB9JNX/AE4WA
driver name: soundmodem
current parameters: mode <unspec>:<unspec>,<unspec> io 0x220 irq 7 dma 1 dma2 4
294967295 serio 0x0 pario 0x0 midiio 0x0
ioctl (HDLCDRVCTL_SETMODE): invalid argument
driver supported modes: <junk>
```

Any ideas what I could be doing wrong? It seemed much easier
getting going on RTTY with a Creed 7E teleprinter!

Alan Bain
M5AIQ

834. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 13:50:58 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <6DAF6.34678$RF1.2955284@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8822

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3AE6711E.E36C8BD7@dioxine.com...
>
>
> Hank Oredson wrote:
>
> > IC-2100 is pretty inexpensive right now, and is a good packet rig.
>
> My experience with the IC-2000, the predecessor to the IC-2100, easily
> backs up the notion this is a good 2m rig.

My only quibble with the 2100 is that it is somewhat prone to
intermod problems if you have very strong local signals.

Also the IC-37 / IC-38 series of rigs are excellent for packet.

> Hey Hank, any good tips on '99 Oregon Pinot Noir? Had a lovely visit
> to the Lazy Creek Winery in the Anderson Valley this last Sunday... and
> came home with a half-case of the superb '99 PN. I know it's a long
> way from Oregon...

Have not made it out to the wineries recently, so have not tasted
much of the new Pinot. A few bottles via my favorite store, but
so far nothing that seemed unusually good. Been kinda busy,
and with slightly reduced budget have stayed away from the
expensive wines (darn ...). The budget problem will fix itself in
a month or so. Had a heat pump fail ... darn expensive.

--

... Hank

http://horedson.home.att.net

835. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 16:38:58 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3AE6FDA2.CD1F804@junglevision.com>
Source record: 8823

H

"A.F.R. Bain" wrote:
>
> I'm trying to persaude an old PC in the office to act as a Packet Node.
> It's got a genuine SB-16 card installed, which works with the sound
> driver in the kernel. However with the soundmodem I can't get anything
> working!
>
> Card is a SB16 (genuine) and using modules sb,uart401,sounds,soundcore
> and soundlow it enits sound when I cat a random file to /dev/audio.
> I can remove these modules and install the soundmodem driver fine,
> but I'm having trouble with sethdlc of the following form:
>
> Kernel version in use is 2.2.17. Following the instructions in the
> kernel tree documentation I proceed thus:
>
> % insmod soundcore
> % insmod soundlow
> % insmod sound
> % insmod uart401
> % insmod sb io=0x220 irq=7 dma=1
> % rmmod sb
> % rmmod uart401
> % rmmod sound
> % insmod soundmodem mode="sbc:fsk9600" iobase=0x220 irq=7 dma=1
> % sethdlc -i sm0 -p mode "sbc:fsk9600" io 0x220 irq 7 dma 1
>
> sethdlc: Version 0.5; (C) 1996-1997 Thomas Sailer HB9JNX/AE4WA
> driver name: soundmodem
> current parameters: mode <unspec>:<unspec>,<unspec> io 0x220 irq 7 dma 1 dma2 4
> 294967295 serio 0x0 pario 0x0 midiio 0x0
> ioctl (HDLCDRVCTL_SETMODE): invalid argument
> driver supported modes: <junk>

Hmm, my sethdlc lines looks like

sethdlc -p -i sm0 mode sbc:afsk1200 io 0x220 irq 5 dma 1 pario 0x378
sethdlc -i sm0 -a txd 200 slot 10 ppersist 255 half
ifconfig sm0 hw ax25 ax25 KE6I-1 up

Also, I think you can't use the linux sound drivers and the kernel
soundmodem at the same time.

There's a new soundmodem driver, which I just downloaded, and am looking
at now at...

http://www.baycom.org/~tom/ham/soundmodem/

This one runs off the OSS sound drivers, rather than accessing the hardware directly. Though I'm just poking around now. I haven't hooked it all up.

836. Portable - TNC / Radio for Satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-25 17:40:14 UTC
From: Itexas <cernava@itexas.net>
Message-ID: <9c725c023ol@enews4.newsguy.com>
Source record: 8824

Hi,

I was wondering what the best system would be for a portable packet satelite system.
I was looking at the TH-D7A(G). I know there is different packet modes. What ones would the TH-D7A work with or isn't it good for that type of operation?
Maybe buying a regualer HT and adding an external TNC would be better?

It would have to be portable. Like not needing big batteries etc.

I would appreciate the advice, comments, etc.
Richard
KC8ESJ

837. Re: 2m transceiver for packet - recommendations please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 05:00:15 UTC
From: Greg <greglh@gte.net>
Message-ID: <3AE7AB2A.8495FBB6@gte.net>
Source record: 8825

I use an old Radio Shack HTX-202 HT.... dirt cheap and sturdy...run off the shack's 12VDC power supply.
Greg K7YDL

.

Allan Wood3 wrote:

> I use the local Packet BBS from time-to-time and also the DX cluster. To avoid
> tying up my main 2m/70cm transceiver I'd like to get a small transceiver for 2m
> which I can leave on for long periods.
>
> Can anyone please recommend a rig for this purpose. I want to buy new probably
> and don't have time (or the will!) to modify old gear - even though that is
> probably the most cost-effective solution.
>
> Thanks.
>
> Allan

838. Re: Linux Serial Port Access Source Code?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 08:38:45 UTC
From: N3WWN <n3wwn@futuretek.cx>
Message-ID: <lui9c9.t2t.ln@ns2.ecommanagement.com>
Source record: 8832

In article <MPG.154ffa869b641f9d9896b8@news.earthlink.net>, "Brian Short"
<k7on@earthlink.net> wrote:

>
> Can anyone point me at some good serial port access source code for
> Linux (in C) that I may use in my programs?
>

Check out the Linux HOWTOs...

http://www.linuxhq.com/ldp/howto/Serial-HOWTO.html
http://www.linuxhq.com/ldp/howto/Serial-Programming-HOWTO.html

These two should get you started!

73,

-Rich
N3WWN

839. Re: Portable - TNC / Radio for Satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 12:14:24 UTC
From: Peter Loveall <psl@ametx.com>
Message-ID: <zgUF6.2584$s11.10564@newsfeed.slurp.net>
Source record: 8826

I use the TH-D7A(G) for satellite use. You can hang an amplifier on it if you are trying to work a week signal satellite. I have successfully used it to talk through SUNSAT (now defunct) and the ISS (APRS mode). APRSDos supports automatically tuning the D7 to the right frequency for the satellite and setting the mode to the proper operation (packet or voice). For the money, I would use get the D7. Plus, it is very easy to add a cheap GPS and use it for APRS when you are not working satellites. It also makes a great dual band hand-held (not all the features I would like, but most of them). I have even used it on trips to Europe.

73,

Pete AE5PL

"Itexas" <cernava@itexas.net> wrote in message
news:9c725c023ol@enews4.newsguy.com...
> Hi,
>
> I was wondering what the best system would be for a portable packet
> satelite system.
> I was looking at the TH-D7A(G). I know there is different packet modes.
> What ones would the TH-D7A work with or isn't it good for that type of
> operation?
> Maybe buying a regualer HT and adding an external TNC would be better?
>
> It would have to be portable. Like not needing big batteries etc.
>
> I would appreciate the advice, comments, etc.
> Richard
> KC8ESJ
>
>

840. Timewave Technology Change of Address Notification

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 15:31:46 UTC
From: jdouglas@timewave.com
Message-ID: <3ae83e96.3646926@news.minn.net>
Source record: 8827

For those needing to contact us or telephone technical support:

:
Change of address and phone numbers

Our marvelous old brick building on the Mississippi River has been sold and will become the home of numerous sprout eating, espresso drinking high income Minnesotins. So we are moving and hope to be in full operation on Monday April 2001 at the new location:

Timewave Technology Inc.
501 W. Lawson Ave.
St. Paul, MN 55117

Voice: (651) 489-5080
FAX (651) 489-5066

vy 73

John N&#65533;ISL
Sales Manager
Timewave Technology

841. Re: Portable - TNC / Radio for Satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 16:06:30 UTC
From: Itexas <cernava@itexas.net>
Message-ID: <9c9h1l01gqr@enews4.newsguy.com>
Source record: 8828

Thanks Pete,

So when a satellite sais FM PSK or FSK what one can the TH-D7 do?
I see PSK and FSK what is the difference? I know one is Phase Shift Keying and Frequency Shift Keying does the TNC do these?
I think that it can only do FSK :) but then again i'm just new so what do i know.

I'm taking it that this is a list of some of the satellites it can do?

SO35 145.825 436.290 8 9600 baud FSK
UO22 435.120 145.900 3 9600 baud FSK
KO23 435.170 145.900 4 9600 baud FSK
KO25 436.500 145.980 3 9600 baud FSK
TO31 436.925 145.925 5 9600 baud FSK

Thanks
Richard

842. Re: Portable - TNC / Radio for Satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 18:14:30 UTC
From: Peter Loveall <psl@ametx.com>
Message-ID: <8yZF6.3170$s11.13208@newsfeed.slurp.net>
Source record: 8829

I believe 9600 is FSK. I haven't done much pacsat work and the manual is a little vague about 9600 operation. The spec says the system does F1D (GMSK), F2D (FSK), and F3E(FM). I don't remember if GMSK is the 9600 mode or not (1200 is FSK). You might check Bob Bruninga's (WB4APR) site at http://web.usna.navy.mil/~bruninga/astars.html for more info.

Pete AE5PL

"Itexas" <cernava@itexas.net> wrote in message news:9c9h1l01gqr@enews4.newsguy.com...
> Thanks Pete,
>
> So when a satellite sais FM PSK or FSK what one can the TH-D7 do?
> I see PSK and FSK what is the difference? I know one is Phase Shift Keying
> and Frequency Shift Keying does the TNC do these?
> I think that it can only do FSK :) but then again i'm just new so what do
i
> know.

843. Re: Portable - TNC / Radio for Satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 18:58:19 UTC
From: Itexas <cernava@itexas.net>
Message-ID: <9c9r4b0205s@enews4.newsguy.com>
Source record: 8830

I take this to mean that the TH-D7A(G) can do 9600 baud FSK for APRS. So does that mean the TNC can do that?

<from http://web.usna.navy.mil/~bruninga/astars.html>
9600 BAUD ASTARS became a reality when Kenwood introduced the 1200/9600 baud APRS data mobile radio, the TM-D700A and now the TH-D7(G) Handheld. These dual band data radios with built-in TNC's and front panel APRS displays make it possible to send and receive the very short APRS style comunications via any 9600 Baud PACSAT if digipeat is enabled. Unlike the 1200 baud PSK PACSATS, the 9600 baud PACSATS use FM radios and FSK. Thus, the these two radios are off-the-shelf satellite data terminals ready for ASTARS and they need NO PC or other accessory. They can send and receive all data on the radio front panel with only the proper mobile whip antenna! (see below).
</from>

Thanks
Richard

844. Re: Timewave Technology Change of Address Notification

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-26 20:56:37 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9ca21i$3cq$1@slb0.atl.mindspring.net>
Source record: 8831

John:

Is it a better neighborhood?

Best wishes for your new facilities.

-Peter K1PO

"John Douglas" <jdouglas@timewave.com> wrote in message
news:3ae83e96.3646926@news.minn.net...
> For those needing to contact us or telephone technical support:
>
> :
> Change of address and phone numbers
>
> Our marvelous old brick building on the Mississippi River has been
> sold and will become the home of numerous sprout eating, espresso
> drinking high income Minnesotins. So we are moving and hope to be in
> full operation on Monday April 2001 at the new location:
>
> Timewave Technology Inc.
> 501 W. Lawson Ave.
> St. Paul, MN 55117
>
> Voice: (651) 489-5080
> FAX (651) 489-5066
>
> vy 73
>
> John N�ISL
> Sales Manager
> Timewave Technology

845. FS:BRAND NEW!! SCS PTC-IIe YES PTC-IIe FOR SALE!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-27 05:29:10 UTC
From: look@preownedradios.com
Message-ID: <3ae902e2.53558000@news.earthlink.net>
Source record: 8833

FOR SALE: SCS PTC-IIe PACTOR II MODEM. THIS HAS NEVER BEEN HOOKED UP
OR USED BUT BRAND NEW!! WAS PURCHASED FROM FARALLON IN SAUSALITO, CA
USA.. COMES WITH THE MANUAL, SOFTWARE, CABLES.. BRAND NEW.. $595.00

846. Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 18:29:41 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <I_DG6.23098$TW.107616@tor-nn1.netcom.ca>
Source record: 8834
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

What is the official web site for Win Pack? What is the latest version?

73's
Rob

847. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 18:37:58 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <K9chR$AI4w66EwC4@peaksys.co.uk>
Source record: 8835
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

In article <I_DG6.23098$TW.107616@tor-nn1.netcom.ca>, Rob
<Pse@NoEmail.Com> writes
>What is the official web site for Win Pack? What is the latest version?

See my sig for the web site. The latest full installation version is
6.51, and there's a minor update to 6.52 available.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

848. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 19:19:42 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <RMEG6.23113$TW.107637@tor-nn1.netcom.ca>
Source record: 8836
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Thanks Roger. I had your old web address --
http://www.peaksys.demon.co.uk/index.htm.

I am hoping to try your program with my SCS PTC II. The SCS PTC II implements the WA8DED host mode but I think you must send some commands to the SCS PTC II to put the SCS PTC II into the WA8DED host mode.

Is there a way to send some commands to the SCS PTC II on start up of Winpack?

I think Winpack supports multiple packet connections (or streams) when using the WA8DED host mode.

The SCS PTC II is also a little strange. To my knowledge, it is ONE of the VERY FEW TNC's that does not support ANY flow control between the computer and the SCS PTC II. No Hardware or XON/XOFF software flow control. Perhaps the WA8DED host mode provides some sort of flow control to prevent overflow of the receive or transmit buffers.

Will Winpack work with the SCS PTC II? What setting in Winpak do I use -- the TF2.7b or TFEMU?

73's
Rob

P.S. I hope one day you consider adding support for the KANTRONICS HOST mode in Winpack. I am sure that there would be lots of users of KANTRONICS TNC's that would love to see that.

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:K9chR$AI4w66EwC4@peaksys.co.uk...
> In article <I_DG6.23098$TW.107616@tor-nn1.netcom.ca>, Rob
> <Pse@NoEmail.Com> writes
> >What is the official web site for Win Pack? What is the latest version?
>
> See my sig for the web site. The latest full installation version is
> 6.51, and there's a minor update to 6.52 available.
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk

849. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 20:30:44 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <evSE1IAxhy66EwBh@peaksys.co.uk>
Source record: 8837
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

In article <RMEG6.23113$TW.107637@tor-nn1.netcom.ca>, Rob
<Pse@NoEmail.Com> writes
>Thanks Roger. I had your old web address --
>http://www.peaksys.demon.co.uk/index.htm.
>
>I am hoping to try your program with my SCS PTC II. The SCS PTC II
>implements the WA8DED host mode but I think you must send some commands to
>the SCS PTC II to put the SCS PTC II into the WA8DED host mode.
>
>Is there a way to send some commands to the SCS PTC II on start up of
>Winpack?

I have a PTC-IIe here, but I haven't yet looked at how well (or not) it
works with WinPack. It's on my "to do" list. I recently added support
for it to UI-View32, and the only differences compared to true WA8DED
host mode were in the initialisation. I'll try and get round to
supporting it in WinPack within the next month or so.

Of course the PTC-II is rather more complicated than the PTC-IIe because
it has more than one port, and the host mode protocol has significant
differences compared to DED.

>The SCS PTC II is also a little strange. To my knowledge, it is ONE of the
>VERY FEW TNC's that does not support ANY flow control between the computer
>and the SCS PTC II. No Hardware or XON/XOFF software flow control. Perhaps
>the WA8DED host mode provides some sort of flow control to prevent overflow
>of the receive or transmit buffers.

In DED host mode, the TNC only sends data to the PC when you poll it.
With outgoing data, you can check how many frames are queued in the TNC.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

850. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 20:44:57 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <IZFG6.23134$TW.108194@tor-nn1.netcom.ca>
Source record: 8838
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Thanks for the reply. I think you will like the PTC IIe on H.F.. It is a great modem. But there is VERY little software out there for the PTC II that supports the PTC II's modified WA8DED host mode. I hope you get some time to try out WinPack with the PTC II(e). It would be great to be able to use BOTH packet ports in the PTC II with Winpack (but if you only implement one port I will understand)

Did you add support for the PTC II as well as the PTC IIe to UIVIEW32?

Rob

"Roger Barker" <roger@peaksys.co.uk> wrote in message news:evSE1IAxhy66EwBh@peaksys.co.uk...
> In article <RMEG6.23113$TW.107637@tor-nn1.netcom.ca>, Rob
> <Pse@NoEmail.Com> writes
> >Thanks Roger. I had your old web address --
> >http://www.peaksys.demon.co.uk/index.htm.
> >
> >I am hoping to try your program with my SCS PTC II. The SCS PTC II
> >implements the WA8DED host mode but I think you must send some commands to
> >the SCS PTC II to put the SCS PTC II into the WA8DED host mode.
> >
> >Is there a way to send some commands to the SCS PTC II on start up of
> >Winpack?
>
> I have a PTC-IIe here, but I haven't yet looked at how well (or not) it
> works with WinPack. It's on my "to do" list. I recently added support
> for it to UI-View32, and the only differences compared to true WA8DED
> host mode were in the initialisation. I'll try and get round to
> supporting it in WinPack within the next month or so.
>
> Of course the PTC-II is rather more complicated than the PTC-IIe because
> it has more than one port, and the host mode protocol has significant
> differences compared to DED.
>
> >The SCS PTC II is also a little strange. To my knowledge, it is ONE of the
> >VERY FEW TNC's that does not support ANY flow control between the computer
> >and the SCS PTC II. No Hardware or XON/XOFF software flow control. Perhaps
> >the WA8DED host mode provides some sort of flow control to prevent overflow

> >of the receive or transmit buffers.
>
> In DED host mode, the TNC only sends data to the PC when you poll it.
> With outgoing data, you can check how many frames are queued in the TNC.
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk

851. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 21:35:04 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <k+8aRXAIcz66Ew26@peaksys.co.uk>
Source record: 8839
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

In article <IZFG6.23134$TW.108194@tor-nn1.netcom.ca>, Rob
<Pse@NoEmail.Com> writes
>Thanks for the reply. I think you will like the PTC IIe on H.F.. It is a
>great modem. But there is VERY little software out there for the PTC II
>that supports the PTC II's modified WA8DED host mode. I hope you get some
>time to try out WinPack with the PTC II(e). It would be great to be able to
>use BOTH packet ports in the PTC II with Winpack (but if you only implement
>one port I will understand)
>
>Did you add support for the PTC II as well as the PTC IIe to UIVIEW32?

Yes, and it supports both packet ports.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

852. Re: Web Address for WinPack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-28 23:16:53 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <qcIG6.23159$TW.107784@tor-nn1.netcom.ca>
Source record: 8840
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Hi Roger,

I just went to the UIVIEW32 site. I see you have made lots of improvements to UIVIEW and UIVIEW32! Both support KISS modems.

Since many HAM's in North America have packet AEA or KANTRONICS TNC's (which have their own host modes as well as KISS), you may want to consider adding support for KISS modems to Winpack. I know you could use AEA and KANTRONICS modems with Winpack using the terminal mode but that mode does not allow you to have multiple packet connections.

Just a thought. Keep up the great work! I am sure that there are many Hams like me who appreciate it!

73's
Rob

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:k+8aRXAIcz66Ew26@peaksys.co.uk...
> In article <IZFG6.23134$TW.108194@tor-nn1.netcom.ca>, Rob
> <Pse@NoEmail.Com> writes
> >Thanks for the reply. I think you will like the PTC IIe on H.F.. It is
a
> >great modem. But there is VERY little software out there for the PTC II
> >that supports the PTC II's modified WA8DED host mode. I hope you get
some
> >time to try out WinPack with the PTC II(e). It would be great to be able
to
> >use BOTH packet ports in the PTC II with Winpack (but if you only
implement
> >one port I will understand)
> >
> >Did you add support for the PTC II as well as the PTC IIe to UIVIEW32?
>
> Yes, and it supports both packet ports.
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk

853. What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-29 21:50:34 UTC
From: Larry da Ponte <ldaponte@hotmail.com>
Message-ID: <V00H6.4633$uU6.834755@feed.centurytel.net>
Source record: 8841
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Just purchased an SB-201 and was wondering how to make sure I don't damage the tubes when using some of the continous digital modes such as PSK31 or RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the SB-201 - what is a safe input power for the Heathkit amp for continous output? The manual doesn't give any suggestions. Thanks.

854. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-29 22:30:07 UTC
From: W4NTI <w4nti@nospammindspring.com>
Message-ID: <9ci4ji$of4$1@slb1.atl.mindspring.net>
Source record: 8842
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Safe 'rule of thumb' would be 50%. Take a key down plate reading, or wattmeter reading in SSB mode. Cut it in half by reducing he DRIVE from the EXCITER.

BTW the 820 will be a world class pain in ur butt for PSK31 work. Not stable enough.

But try it anyway, have fun.

Dan/W4NTI

"Larry da Ponte" <ldaponte@hotmail.com> wrote in message news:V00H6.4633$uU6.834755@feed.centurytel.net...
> Just purchased an SB-201 and was wondering how to make sure I don't damage
> the tubes when using some of the continous digital modes such as PSK31 or
> RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the SB-201 -
> what is a safe input power for the Heathkit amp for continous output? The
> manual doesn't give any suggestions. Thanks.
>
>

855. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 04:16:40 UTC
From: Larry da Ponte <ldaponte@hotmail.com>
Message-ID: <VG5H6.4787$uU6.847841@feed.centurytel.net>
Source record: 8843
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Thanks for the reply - hadn't considered that it would not be stable
enough - no loss if it doesn't work well for PSK31 - I've had the radio for
22+ years. To make sure I understand, I should back the exciter down to 50%
of its full output power - yes?

"W4NTI" <w4nti@nospammindspring.com> wrote in message
news:9ci4ji$of4$1@slb1.atl.mindspring.net...
> Safe 'rule of thumb' would be 50%. Take a key down plate reading, or
> wattmeter reading in SSB mode. Cut it in half by reducing he DRIVE from
the
> EXCITER.
>
> BTW the 820 will be a world class pain in ur butt for PSK31 work. Not
> stable enough.
>
> But try it anyway, have fun.
>
> Dan/W4NTI
>
> "Larry da Ponte" <ldaponte@hotmail.com> wrote in message
> news:V00H6.4633$uU6.834755@feed.centurytel.net...
> > Just purchased an SB-201 and was wondering how to make sure I don't
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> > the tubes when using some of the continous digital modes such as PSK31
or
> > RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the
> SB-201 -
> > what is a safe input power for the Heathkit amp for continous output?
The
> > manual doesn't give any suggestions. Thanks.
> >
> >
>
>

856. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 09:53:08 UTC
From: "Thomas C. Sefranek" <tcs@cmcorp.com>
Message-ID: <3AED35D6.83A1BAF3@cmcorp.com>
Source record: 8844
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Do NOT consider using an amplifier for PSK31!!!!!!!
Most signals NOW are over driven at 100 watts!
It's aQRP mode!

Larry da Ponte wrote:

> Just purchased an SB-201 and was wondering how to make sure I don't damage
> the tubes when using some of the continous digital modes such as PSK31 or
> RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the SB-201 -
> what is a safe input power for the Heathkit amp for continous output? The
> manual doesn't give any suggestions. Thanks.

--
*
| __O Thomas C. Sefranek tcs@cmcorp.com
|_-\<,_ Amateur Radio Operator: WA1RHP
(*)/ (*) Bicycle mobile on 145.41, 448.625 MHz

http://hamradio.cmcorp.com/inventory/Inventory.html
http://www.harvardrepeater.org

857. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 14:28:33 UTC
From: W4NTI <w4nti@nospammindspring.com>
Message-ID: <9cjsoi$8dr$1@slb0.atl.mindspring.net>
Source record: 8845
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Just tune it up normal. Assuming your using AFSK for the RTTY...just turn
down the microphone till you see half power.

I normally run about 20 watts of exciter to the Ameritron 811H. That gets
me basically half power out of the Amp.

On TTY you will need a amp some times. On PSK no need at all. But
stability is required.

Dan/W4NTI

"Larry da Ponte" <ldaponte@hotmail.com> wrote in message
news:VG5H6.4787$uU6.847841@feed.centurytel.net...
> Thanks for the reply - hadn't considered that it would not be stable
> enough - no loss if it doesn't work well for PSK31 - I've had the radio
for
> 22+ years. To make sure I understand, I should back the exciter down to
50%
> of its full output power - yes?
>
> "W4NTI" <w4nti@nospammindspring.com> wrote in message
> news:9ci4ji$of4$1@slb1.atl.mindspring.net...
> > Safe 'rule of thumb' would be 50%. Take a key down plate reading, or
> > wattmeter reading in SSB mode. Cut it in half by reducing he DRIVE from
> the
> > EXCITER.
> >
> > BTW the 820 will be a world class pain in ur butt for PSK31 work. Not
> > stable enough.
> >
> > But try it anyway, have fun.
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> > Dan/W4NTI
> >
> > "Larry da Ponte" <ldaponte@hotmail.com> wrote in message
> > news:V00H6.4633$uU6.834755@feed.centurytel.net...
> > > Just purchased an SB-201 and was wondering how to make sure I don't
> damage
> > > the tubes when using some of the continous digital modes such as PSK31
> or
> > > RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the
> > SB-201 -
> > > what is a safe input power for the Heathkit amp for continous output?

> The
> > > manual doesn't give any suggestions. Thanks.
> > >
> > >
> >
> >
>
>

858. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 14:29:48 UTC
From: W4NTI <w4nti@nospammindspring.com>
Message-ID: <9cjsr4$p2o$1@slb5.atl.mindspring.net>
Source record: 8846
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

I wouldn't call it a 'QRP' mode Tom. It works well with QRP, but it all started running around 50 watts. And that is where most of it still is.

Dan/W4NTI

"Thomas C. Sefranek" <tcs@cmcorp.com> wrote in message news:3AED35D6.83A1BAF3@cmcorp.com...
> Do NOT consider using an amplifier for PSK31!!!!!!!
> Most signals NOW are over driven at 100 watts!
> It's aQRP mode!
>
> Larry da Ponte wrote:
>
> > Just purchased an SB-201 and was wondering how to make sure I don't damage
> > the tubes when using some of the continous digital modes such as PSK31 or
> > RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the SB-201 -
> > what is a safe input power for the Heathkit amp for continous output? The
> > manual doesn't give any suggestions. Thanks.
>
> --
> *
> | __O Thomas C. Sefranek tcs@cmcorp.com
> |_-\<,_ Amateur Radio Operator: WA1RHP
> (*)/ (*) Bicycle mobile on 145.41, 448.625 MHz
>
> http://hamradio.cmcorp.com/inventory/Inventory.html
> http://www.harvardrepeater.org
>
>

859. do it yourself rotor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 16:15:36 UTC
From: "Casa Electrica C.A." <ceca@telcel.net.ve>
Message-ID: <UagH6.1835$ov4.515@news01.t-net.net.ve>
Source record: 8847

See my page, and do it yourself a very cheap 180 deg rotor. Have fun.
Regards
Joe Picataggi.
http://www.geocities.com/joepicataggi/YV7MB.html

860. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-04-30 16:53:38 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <mMgH6.42020$RF1.3589408@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8848
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

"Thomas C. Sefranek" <tcs@cmcorp.com> wrote in message
news:3AED35D6.83A1BAF3@cmcorp.com...
> Do NOT consider using an amplifier for PSK31!!!!!!!
> Most signals NOW are over driven at 100 watts!
> It's aQRP mode!

Um ... modes are not QRP ... just some hams like to run QRP.

Try running PSK31 across a weak ionoscatter link, and you
will need all the ERP you can muster.

Sometimes you need a lot of ERP to get the S/N you require.

--

... Hank

http://horedson.home.att.net

861. packet-internet newbie question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 01:03:27 UTC
From: Glen Worstell <worstelg@earthlink.net>
Message-ID: <z1JH6.111$713.16085@newsread1.prod.itd.earthlink.net>
Source record: 8849

Hi all,

I'm planning an extended coastal cruise in the SE U.S., and would like to have internet email access from the boat. Can someone suggest links where I might learn more about how to do this? I am hoping that I'll be able to do it on 2M or 440 MHz. I know about the hf pactor links, and will do it that way if I can't do it on VHF.

I'm planning on purchasing an ICOM IC-207H for this purpose. Any reason not to? Any other radio that might be a better choice?

Is web access available? I realize that it would be a bit slow at 9600.

tia,
KG0T

862. Re: packet-internet newbie question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 02:10:21 UTC
From: Fred Stern <fstern@ford.com>
Message-ID: <h0KH6.153572$J%5.52455622@news2.rdc2.tx.home.com>
Source record: 8850

You're dreaming! :-)

I don't think you'll find much 9600 baud activity Captain.
I would plan a system of port calls, or relay via voice on VHF,
to Hams willing to send messages for you.

Do you have a list of nodes you are going to use, or do you
just assume they exist? By that, I mean you may want to do
some research in that area of the planned trip.

"Glen Worstell" wrote
> Hi all,
>
> I'm planning an extended coastal cruise in the SE U.S., and would like to
> have internet email access from the boat. Can someone suggest links where I
> might learn more about how to do this? I am hoping that I'll be able to do
> it on 2M or 440 MHz. I know about the hf pactor links, and will do it that
> way if I can't do it on VHF.
>
> I'm planning on purchasing an ICOM IC-207H for this purpose. Any reason not
> to? Any other radio that might be a better choice?
>
> Is web access available? I realize that it would be a bit slow at 9600.

863. Re: packet-internet newbie question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 12:52:24 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <BqTH6.24063$TW.113190@tor-nn1.netcom.ca>
Source record: 8851

Yes, you can easily send Internet EMAIL using packet. You need to connect to one of the packet to Internet gateway packet stations (many of which use NOS).

Once you are connected to a NOS station, you can telnet to one of the NOS stations to which you have told your friends to send email (e.g. telnet n8da.ampr.org). Once you are connected you can retrieve your EMAIL and send some. (In this example, tell your friends to send EMAIL to yourcall@n8da.ampr.org). But only send PLAIN text messages!

In the US, there is not much 9600 baud packet activity. Most is still 1200 baud. (the US is far behind Europe in this regard).

But if you are just sending and receiving EMAIL,speed is not a big factor. (You need speed for graphics and binary files).

But VHF has limited range. You will need to get a list of NOS stations and their frequencies. If you are near a major city, you should find a NOS station. In the country is a different story.

A more reliable, robust and faster system would be to use a HF radio and a pactor modem to connect to a WINLINK station. The best pactor modems are SCS PTC II or PTC IIe which implement Pactor II but they are pricey. But you can get a low cost second hand Pactor 1 modem like the PK232 off EBAY. The Winlink MBO system was designed for Marine operators. You dont have to wait to be in range of a NOS station to use Winlink for EMAIL!

Good luck

Rob

"Glen Worstell" <worstelg@earthlink.net> wrote in message news:z1JH6.111$713.16085@newsread1.prod.itd.earthlink.net...
> Hi all,
>
> I'm planning an extended coastal cruise in the SE U.S., and would like to
> have internet email access from the boat. Can someone suggest links where
I
> might learn more about how to do this? I am hoping that I'll be able to do
> it on 2M or 440 MHz. I know about the hf pactor links, and will do it that
> way if I can't do it on VHF.
>
> I'm planning on purchasing an ICOM IC-207H for this purpose. Any reason
not
> to? Any other radio that might be a better choice?
>
> Is web access available? I realize that it would be a bit slow at 9600.

>
> tia,
> KG0T
>
>
>

864. Winlink

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 14:04:06 UTC
From: Jim Lynch <jwl@sgi.com>
Message-ID: <3AF013D6.881CC815@sgi.com>
Source record: 8852

I'm interesting in using Winlink from my boat. I've read over the web page, but I've got a few questions. Does anyone know of mailing lists or news groups for Winlink?

Winkink page: http://winlink.org/wl2k/

865. Re: Timewave Technology Change of Address Notification

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 14:05:08 UTC
From: Jim Lynch <jwl@sgi.com>
Message-ID: <3AF01414.F2DEAEE9@sgi.com>
Source record: 8853

Oops, I just sent my pk-900 to the wrong address.

John Douglas wrote:
>
> For those needing to contact us or telephone technical support:
>
> :
> Change of address and phone numbers
>
> Our marvelous old brick building on the Mississippi River has been
> sold and will become the home of numerous sprout eating, espresso
> drinking high income Minnesotins. So we are moving and hope to be in
> full operation on Monday April 2001 at the new location:
>
> Timewave Technology Inc.
> 501 W. Lawson Ave.
> St. Paul, MN 55117
>
> Voice: (651) 489-5080
> FAX (651) 489-5066
>
> vy 73
>
> John Nï¿½ISL
> Sales Manager
> Timewave Technology

866. PR: TR and CSS begin talks on contesting program

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 16:11:57 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <ujWH6.5167$j76.152205@news1.atl>
Source record: 8854

CSS and N6TR begin discussions on Windows(tm) based contesting
software.

Program would use TR and Log Windows technology for ease of use and
powerful features.

Muscle Shoals, Alabama. 1 May 2001: Creative Services Software
announced today they have entered into discussions with Larry (Tree)
Tyree, N6TR to research the feasibility of incorporating both
TR Log and Log Windows technology into a next generation contesting
program.

"Looking into the future, we're seeing more and more hams getting
into contesting.", said Rick Ruhl, W4PC, President of Creative
Services Software, Inc. "Using the 'best of' technology from
TR Log and Log Windows, it's a good base for a next generation
contesting program with hooks inot our logging program for
keeping track of awards and contacts."

"Partnering with Log Windows will allow the TR Log concept to become
available in the windows environment." said Larry "Tree" Tyree, N6TR,
owner of TR Log.

The DOS version of TR Log will still be sold by N6TR and the current
distributors. The windows version will be developed, sold, and supported
by CSS and its dealer network.

Hams use TR Log and Log Windows worldwide.

Log Windows is owned by SCO, Inc and is maintained by Creative
Services Software.

Creative Services Software is at http://www.cssincorp.com
TR Log is at http://www.qth.com/tr
The Log Windows home page is at http://www.logwindows.com

Windows is a Registered Trademark of Microsoft Corperation

Questions and Answers about the CSS and N6TR press release:

Q: Does this mean that the DOS version of TR Log is dead?

A: No. The DOS version of TR Log will continue to be updated and
enhanced just as it would have without this agreement. TR Log
for DOS would only die if everyone decided the windows version
was preferred.

Q: Will Creative Services Software take over the DOS version of TR Log as well?

A: No. The DOS version of TR Log continues to be owned by N6TR.

Q: How can I upgrade to new windows version?

A: Details still need to be worked out (after all, we don't have any software yet). The Windows based contesting module will be a separate program from Log Windows (you don't need Log Windows to run the program). The contesting module will interface with Log Windows to allow full data exportation.

Q: Will future TR Log DOS features be exported to the windows version? How about the other way around?

A: Some features (such as support for new contests) can move very easily from one program to the other. Other features will be more difficult. Essentially, they will be separate programs after the initial development.

Q: Who do I call for support of the windows version?

A: CSS will be supporting the program. There will likely be a separate mail list generated for the windows version, which can be used to ask questions.

Q: Does this announcement explain why TR Log wasn't at Dayton this year?

A: No. K5TR and N6TR previously announced their intention to take a year off from Dayton last August.

Q: Will there be any changes in the distribution of TR Log?

A: None are planned at this time. The TR Log distributors will continue to sell and support the DOS version. CSS will market and support the windows version.

867. the NEW KAM XL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 17:00:54 UTC
From: dinod@deltanet.com
Message-ID: <a3XH6.2778$2U.520292@news2.rdc2.tx.home.com>
Source record: 8855

I saw it in QST and I understand it will be debuted in Dayton.

It uses DSP modems and INCLUDES PSK31! Any new modes "should" be able to be simulated via software.

You can upload new modes via the serial ports with software you download off of the Internet.

The NEW KAM will be a true dual port machine like the KAM+. The KAM 98 is only a single port TNC.

Anyway! It is way cool! Just thought you would like to know!

Dino

868. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 21:11:43 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3AF07813.DE2E5687@dioxine.com>
Source record: 8857

Twistedhed wrote:

>
> I am QRT and standing by. (No flames answered. Please reply via email)
>

Not a flame, I've just noticed over the years that freebanders consistently
mis-use this particular Q-signal.

Dana
dana@dioxine.com

869. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 21:12:46 UTC
From: K7MEM <jda@rupert.tds-az.lmco.com>
Message-ID: <3AF0784E.167EB0E7@rupert.tds-az.lmco.com>
Source record: 8863

Twistedhed wrote:
>
> I am posting here because of some of the nasty things I have read in this
> group and in QRZ discussions regarding freebanders. We who use the frequencies
> from 27.405 to 28.000 have more in common with hams than you might think.
> We are good operators and have knowledge of propagation and skip conditions.
> We use Yasus, Kenwoods and Icomm radios just like you do, so we know technical
> issues as well or better. However, the attitude of some hams toward us is
> rude and condescending. We are treated like 2nd class citizens. This should
> not be. We have the same rights under the constitution as legal hams do.
> For those that do not wish to be under Uncle Sam's thumb, freebanding is
> a viable alternative to getting a ham radio license. What I am saying is
> that maybe the next time you meet a freebander it might be wise to talk with
> him before you condemn him.
>
> This article ought to clarify things, as I am the author:
http://sporadic1.tripod.com/page7.html
>
> I am QRT and standing by. (No flames answered. Please reply via email)
>
> Unit 2711, Florida

Please refer to all of the responses, to this very same posting,
in rec.radio.amateur.homebrew.

Stop harping on this, get a license, try another subject.

--
Martin E. Meserve K7MEM
martin.e.meserve AT lmco.com

I respond to news groups and E-Mail on my own time and therefore
my responses may not be as timely as you, or I, would like them to
be. If I seem to be ignoring you, send me another E-Mail to jog my
memory. Opinions are my own and do not reflect the opinions of my
employer.

870. Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 21:54:38 UTC
From: Twistedhed <twistedhed@webtv.net>
Message-ID: <3af0740e$1@news2.mibx.net>
Source record: 8856

I am posting here because of some of the nasty things I have read in this group and in QRZ discussions regarding freebanders. We who use the frequencies from 27.405 to 28.000 have more in common with hams than you might think. We are good operators and have knowledge of propagation and skip conditions. We use Yasus, Kenwoods and Icomm radios just like you do, so we know technical issues as well or better. However, the attitude of some hams toward us is rude and condescending. We are treated like 2nd class citizens. This should not be. We have the same rights under the constitution as legal hams do. For those that do not wish to be under Uncle Sam's thumb, freebanding is a viable alternative to getting a ham radio license. What I am saying is that maybe the next time you meet a freebander it might be wise to talk with him before you condemn him.

This article ought to clarify things, as I am the author:
http://sporadic1.tripod.com/page7.html

I am QRT and standing by. (No flames answered. Please reply via email)

Unit 2711, Florida

871. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 22:16:52 UTC
From: Charles Johnston <ctj92@earthlink.net>
Message-ID: <oH%H6.2831$Cq3.259821@newsread1.prod.itd.earthlink.net>
Source record: 8858
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

I chuckled out loud when this thread first got started...and I haven't stopped yet.

There is - NO RESPECT - for freebanders because - CRIMINALS - deserve none!

--

Charles Johnston
charles@ab7sl.com

AB7SL - Ham Radio Pages
http://www.ab7sl.com

872. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 22:22:21 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <xM%H6.2009$t12.149125@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8859

"Twistedhed" <twistedhed@webtv.net> wrote in message
news:3af0740e$1@news2.mibx.net...
>
> I am posting here because of some of the nasty things I have read in this
> group and in QRZ discussions regarding freebanders. We who use the
frequencies
> from 27.405 to 28.000 have more in common with hams than you might think.

Hams break the law?
That seems the main "feature" of "freebanders".

> We are good operators and have knowledge of propagation and skip conditions.

Good operators follow the regulations of their country.

> We use Yasus, Kenwoods and Icomm radios just like you do, so we know
technical
> issues as well or better. However, the attitude of some hams toward us is
> rude and condescending. We are treated like 2nd class citizens. This should
> not be. We have the same rights under the constitution as legal hams do.

Yup. But there is that little thing about breaking the law ...

> For those that do not wish to be under Uncle Sam's thumb, freebanding is
> a viable alternative to getting a ham radio license. What I am saying is
> that maybe the next time you meet a freebander it might be wise to talk with
> him before you condemn him.

Guess the same might be said for shoplifters too.

> This article ought to clarify things, as I am the author:
http://sporadic1.tripod.com/page7.html
>
> I am QRT and standing by. (No flames answered. Please reply via email)
>
> Unit 2711, Florida

Nice troll "Unit 2711".

--

... Hank

http://horedson.home.att.net

873. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-02 22:22:54 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <2N%H6.2010$t12.152249@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8860

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3AF07813.DE2E5687@dioxine.com...
> Twistedhed wrote:
>
> >
> > I am QRT and standing by. (No flames answered. Please reply via email)
> >
>
> Not a flame, I've just noticed over the years that freebanders consistently
> mis-use this particular Q-signal.
>
> Dana
> dana@dioxine.com

They attract less attention from the FCC when QRT.

--

... Hank

http://horedson.home.att.net

874. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 03:22:41 UTC
From: "MIchael W. McGinley" <mmcginley@kscable.comSTOPSPAM>
Message-ID: <020520012223034142%mmcginley@kscable.comSTOPSPAM>
Source record: 8861

In article <2N%H6.2010$t12.152249@bgtnsc05-news.ops.worldnet.att.net>,
Hank Oredson <horedson@att.net> wrote:

> "Dana H. Myers" <dana@dioxine.com> wrote in message
> news:3AF07813.DE2E5687@dioxine.com...
> > Twistedhed wrote:
> >
> > >
> > > I am QRT and standing by. (No flames answered. Please reply via email)
> > >
> >
> > Not a flame, I've just noticed over the years that freebanders consistently
> > mis-use this particular Q-signal.
> >
> > Dana
> > dana@dioxine.com
>
> They attract less attention from the FCC when QRT.

Would'nt Silent Key be better....then you dont have to worry
about them coming back :-)

73

DE N0JVT

>
> --
>
> ... Hank
>
> http://horedson.home.att.net

875. What's "Dynamic Range"?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 04:38:48 UTC
From: Bantam <tidalforce@hotmail.com>
Message-ID: <tf1o77h8kpac54@corp.supernews.com>
Source record: 8862

I have an idea what it is ,but not really
I know its measured in db's but I could never realize what that meant.
as easily as selectivity "the bandwidth of that filter is 2.5 khz"
or sensitivity "that receiver can really pull stations out of the noise!"

Please explain "dynamic range"

thanks

876. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 13:40:09 UTC
From: scooter <scooter9@richnet.net>
Message-ID: <3af15f54$0$88178$6d5eecc5@news.eurekanet.com>
Source record: 8864

Rats..... LOL..... you beat me to it... I was going to inform
the group that this same troll started the same discussion in
rec.radio.amateur.homebrew.

73's

Chris
KB8ZHW
AEC Ashland County ARES

"K7MEM" <jda@rupert.tds-az.lmco.com> wrote in message
news:3AF0784E.167EB0E7@rupert.tds-az.lmco.com...
> Twistedhed wrote:
> >
> > I am posting here because of some of the nasty things I have read in
this
> > group and in QRZ discussions regarding freebanders. We who use the
frequencies
> > from 27.405 to 28.000 have more in common with hams than you might
think.
> > We are good operators and have knowledge of propagation and skip
conditions.
> > We use Yasus, Kenwoods and Icomm radios just like you do, so we know
technical
> > issues as well or better. However, the attitude of some hams toward us
is
> > rude and condescending. We are treated like 2nd class citizens. This
should
> > not be. We have the same rights under the constitution as legal hams do.
> > For those that do not wish to be under Uncle Sam's thumb, freebanding is
> > a viable alternative to getting a ham radio license. What I am saying is
> > that maybe the next time you meet a freebander it might be wise to talk
with
> > him before you condemn him.
> >
> > This article ought to clarify things, as I am the author:
http://sporadic1.tripod.com/page7.html
> >
> > I am QRT and standing by. (No flames answered. Please reply via email)
> >
> > Unit 2711, Florida
>
>
> Please refer to all of the responses, to this very same posting,
> in rec.radio.amateur.homebrew.

>
> Stop harping on this, get a license, try another subject.
>
> --
> Martin E. Meserve K7MEM
> martin.e.meserve AT lmco.com
>
> I respond to news groups and E-Mail on my own time and therefore
> my responses may not be as timely as you, or I, would like them to
> be. If I seem to be ignoring you, send me another E-Mail to jog my
> memory. Opinions are my own and do not reflect the opinions of my
> employer.

877. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 13:56:01 UTC
From: K7MEM <jda@rupert.tds-az.lmco.com>
Message-ID: <3AF16371.446B9B3D@rupert.tds-az.lmco.com>
Source record: 8865

Worse yet. Another freebander, trying to justify his existence on the
band,
has cross posted the same tripe. Just a bunch of trolls. Hopefully, most
people will just ignore them and they will go away.

Martin, K7MEM

scooter wrote:
>
> Rats..... LOL..... you beat me to it... I was going to inform
> the group that this same troll started the same discussion in
> rec.radio.amateur.homebrew.
>
> 73's
>
> Chris
> KB8ZHW
> AEC Ashland County ARES
>
> "K7MEM" <jda@rupert.tds-az.lmco.com> wrote in message
> news:3AF0784E.167EB0E7@rupert.tds-az.lmco.com...
> > Twistedhed wrote:
> > >
> > > I am posting here because of some of the nasty things I have
> > > read in this group and in QRZ discussions regarding freebanders.
> > > We who use the frequencies from 27.405 to 28.000 have more in
> > > common with hams than you might think. We are good operators
> > > and have knowledge of propagation and skip conditions.
> > > We use Yasus, Kenwoods and Icomm radios just like you do, so
> > > we know technical issues as well or better. However, the
> > > attitude of some hams toward us is rude and condescending.
> > > We are treated like 2nd class citizens. This should
> > > not be. We have the same rights under the constitution as legal hams do.
> > > For those that do not wish to be under Uncle Sam's thumb, freebanding is
> > > a viable alternative to getting a ham radio license. What I am saying is
> > > that maybe the next time you meet a freebander it might be wise to
> > > talk with him before you condemn him.
> > >
> > > This article ought to clarify things, as I am the author:
> > > http://sporadic1.tripod.com/page7.html
> > >
> > > I am QRT and standing by. (No flames answered. Please reply via email)
> > >
> > > Unit 2711, Florida
> >

> >
> > Please refer to all of the responses, to this very same posting,
> > in rec.radio.amateur.homebrew.
> >
> > Stop harping on this, get a license, try another subject.
> >
> > --
> > Martin E. Meserve K7MEM

--
Martin E. Meserve K7MEM
martin.e.meserve AT lmco.com

I respond to news groups and E-Mail on my own time and therefore
my responses may not be as timely as you, or I, would like them to
be. If I seem to be ignoring you, send me another E-Mail to jog my
memory. Opinions are my own and do not reflect the opinions of my
employer.

878. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 17:16:49 UTC
From: Jim Frohoff <jfroh_NOSPAM_@_NOSPAM_earthlink.net>
Message-ID: <TjgI6.105$tI4.295531@news.uswest.net>
Source record: 8866

> Check EBAY. But once you have a PTC II, you don't want to give it up. It
> is a FANTASTIC modem! Pactor II is amazing. You won't see many in the
used
> market. Maybe when SCS releases a NEWER modem, you will see some PTC II's
> on the used market.

SCS just announced a new version! .... PTC II Pro.
http://www.scs-ptc.com/features.html

... and right after I bought my PTC II ! It only has one or two additional
features, so I suspect there is not alot to gain in upgrading at this point.

jf

879. Re: What's "Dynamic Range"?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 19:31:22 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3AF1B209.438D95B0@ix.netcom.com>
Source record: 8867

Hi Bantam -- without the math

"Dynamic range is expressed in dB where the lower limit is the smallest discernable signal (receiver noise floor) and the upper limit is the point where intermodulation products become noticeable. It is an important specification as it gives a figure of merit for evaluating the strong signal handling characteristics of a receiver. Values of 103 dB are typical. The use of front-end attenuation and an AIP circuit can help reduce the effects of intermodulation. The receiver noise floor can be affected by receivers using synthesized tuning schemes. This has improved considerably with the new transceiver designs.

In practical terms, dynamic range is the ability to hear weak stations between nearby loud stations. Another measurement of this is blocking dynamic range, which is the difference between the receiver's noise floor and a signal which causes one dB of receiver gain compression (i.e., non-linearity). This marks the point where receiver de-sensitivity begins.

Intermodulation distortion dynamic range is the difference between the receiver's noise floor and two equal received signals which produce distortion three dB above the noise floor. This marks the point where undesirable spurious signals are generated in the receiver.

Nothing is more disconcerting than to be in a contest or pileup environment and have a receiver that canï¿½t handle the huge signals and the weak ones adequately, this coupled with poor selectivity is a lose-lose proposition."

Hope this helps
--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!
=========
Bantam wrote:

> I have an idea what it is ,but not really
> I know its measured in db's but I could never realize what that meant.
> as easily as selectivity "the bandwidth of that filter is 2.5 khz"
> or sensitivity "that receiver can really pull stations out of the noise!"
>
> Please explain "dynamic range"
>
> thanks

880. Wanted:KAM Enhancement Board

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 20:28:08 UTC
From: Zeca <peixoto@ix.netcom.com>
Message-ID: <3AF1BF58.4D78A6A5@ix.netcom.com>
Source record: 8868

Wanted Enhancement Board for the kam all mode work or not with or w/o
ic's
73
Zeca

881. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-03 21:00:16 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10105032054500.11829-100000@exp.bde-arc.ampr.org>
Source record: 8869

On 2 May 2001, Twistedhed wrote:
> I am posting here because of some of the nasty things I have read in this
> group and in QRZ discussions regarding freebanders. We who use the frequencies
> from 27.405 to 28.000 have more in common with hams than you might think.
> We are good operators and have knowledge of propagation and skip conditions.
> We use Yasus, Kenwoods and Icomm radios just like you do, so we know technical
> issues as well or better....

But obviously, you're not good spellers. (Yaesu, Icom)

> However, the attitude of some hams toward us is rude and condescending. We
> are treated like 2nd class citizens. This should not be. We have the same
> rights under the constitution as legal hams do.

And deservedly so. As someone else pointed out, "legal hams" operate where
their licenses permit them to do so. "Freebanders" operate where no one is
permitted to operate. Just what sort of attitude should a law-abiding group
present to a collection of outlaws; praise? You're treated "like [second] class
citizens" just like any other outlaw or convict because of YOUR OWN ACTIONS.

> For those that do not wish to be under Uncle Sam's thumb, freebanding is
> a viable alternative to getting a ham radio license. What I am saying is
> that maybe the next time you meet a freebander it might be wise to talk with
> him before you condemn him.

We don't have to condemn him. He's done that to himself.

> This article ought to clarify things, as I am the author:
> http://sporadic1.tripod.com/page7.html
>
> I am QRT and standing by. (No flames answered. Please reply via email)

Contradictory. You can't be doing both.

882. Soundcard Pactor Possible ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 00:41:00 UTC
From: jfenn@lava.net
Message-ID: <9cstqs$ik4$1@mochi.lava.net>
Source record: 8870

I have heard that finally someonw has produced software
that permits PACTOR using sound card only without benefit
of TNC of any kind. Pactor of course would insure the
integrity of traffic from origin to destination via CRC
principles. Any comments will be appreciated on this
subject. I know about psk31, but its non error correcting
lameness is its biggest fault.
Joe/KH6JF/ABM6JF (Army MARS)

883. Re: Soundcard Pactor Possible ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 01:10:28 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tf40c2hm136mdf@corp.supernews.com>
Source record: 8871

There once was a DOS program that did Pactor-I ARQ. It looked rather
messy to me in that you had to calibrate it to the clock in the PC.
MixW will receive Pactor-I but not transmit. The timing requirements
for ARQ modes are rather critical for a Windows environment. I doubt
that it is likely to change any time soon.

<jfenn@lava.net> wrote in message news:9cstqs$ik4$1@mochi.lava.net...
> I have heard that finally someonw has produced software
> that permits PACTOR using sound card only without benefit
> of TNC of any kind. Pactor of course would insure the
> integrity of traffic from origin to destination via CRC
> principles. Any comments will be appreciated on this
> subject. I know about psk31, but its non error correcting
> lameness is its biggest fault.
> Joe/KH6JF/ABM6JF (Army MARS)
>

884. Re: Soundcard Pactor Possible ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 01:16:09 UTC
From: Fred Stern <fstern@ford.com>
Message-ID: <tpnl6.10601$2U.4722802@news2.rdc2.tx.home.com>
Source record: 8872

It's possible, but not enough interest. Hams won't buy it,
so hardware designs are the only way to make a profit.

<jfenn@lava.net> wrote
> I have heard that finally someonw has produced software
> that permits PACTOR using sound card only without benefit
> of TNC of any kind.

885. APRS TNC suggestion

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 04:44:52 UTC
From: Tony Schliesser <tony@citynet.net>
Message-ID: <tf4cu56mq2s661@corp.supernews.com>
Source record: 8873

I am looking for suggestions for a TNC that is aprs ready. Basically I would like to hook up a GPS receiver to the TNC and not use a computer after the inital setup. Its intended use is for backpack operation (to report position) and maybe even a digi (if needed). I have read that vendors are putting smarter and smarter TNC's out on the market and I really have not kept up to what's current. Of course, the lower the power requirements the better for the TNC.

73,

Tony N8XJA

886. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 05:03:43 UTC
From: Bob <bob@bob.com>
Message-ID: <3AF2382E.28F357EC@bob.com>
Source record: 8874
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Your statement is unoriginal and weak.

So, you base your respect for people on whether or not they follow the laws that your local, state and federal government imposes on them?

Let me ask you this then, if you were around during prohibition (were you?), would you have disrespected bootleggers and consumers of alcoholic beverages up until the very point where the 18th amendment was repealed?

Good thing all those amendments came along abolishing slavery and granting women the right to vote or you still wouldn't have respect for women or Negroes.

http://pages.prodigy.net/krtq73aa/reed2.htm

Bob.

Charles Johnston wrote:

>
> There is - NO RESPECT - for freebanders because - CRIMINALS - deserve
> none!
>
> --
>
> Charles Johnston
> charles@ab7sl.com
>
> AB7SL - Ham Radio Pages
> http://www.ab7sl.com

887. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 05:53:22 UTC
From: JA <jungleandy@hotmail.com>
Message-ID: <3AF243D2.9DBB0365@hotmail.com>
Source record: 8891
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Ditto for me, too !!! --- W4OAH

****

Ron in NC wrote:
>
> > I don't believe you, Rob,
>
> You may not believe him, but there's one I believe,
> (no make that KNOW) and that is that most of
> the folks on this NG, like me are not interested
> in your BS and wish you would do it by private email.
>
> Ron KC4YOY

888. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 06:20:42 UTC
From: sparky@cet.com
Message-ID: <3af2410a.21171500@news.cet.com>
Source record: 8875
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 01:03:43 -0400, Bob <bob@bob.com> wrote:

>Your statement is unoriginal and weak.
>
>So, you base your respect for people on whether or not they follow the laws
>that your local, state and federal government imposes on them?

Well, just take a look at Bill Clinton ....

>Let me ask you this then, if you were around during prohibition (were you?),
>would you have disrespected bootleggers and consumers of alcoholic beverages
>up until the very point where the 18th amendment was repealed?

Probably not. However I do respect the values of H.D.T. At least he
broke the law for much better reasons than to get drunk or to make an
easy buck.

>Good thing all those amendments came along abolishing slavery and granting
>women the right to vote or you still wouldn't have respect for women or
>Negroes.

You are way off base, here. Many people gave their lives in order to
abolish slavery, and many of those that died weren't slaves. The right
for women to vote wasn't granted because the government gave up
chasing women out of the toll booths. These examples don't even
compare to the actions of most radio pirates. There are right ways and
wrong ways to change the law, but radio pirates don't even try.

In fact, freebanders do NOTHING to try and change the law except to
whine about the FCC. I haven't seen anyone in rec.radio.cb, or
anywhere else for that matter, make even a half-assed effort to try
and change the laws regarding CB radio. That's because the collective
mentality for freebanders is to "do what you want and fuck the law, at
least until you get caught." They, like most criminals, want something
for nothing at the expense of others. I'm sorry, Bob, but that just
isn't an attitude that deserves ANY respect.

posted from rec.radio.cb

889. Re: APRS TNC suggestion

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 09:09:32 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9f4sec.7f0.nomail@linux.pe1chl.ampr.org>
Source record: 8877

Tony Schliesser <tony@citynet.net> wrote:
>I am looking for suggestions for a TNC that is aprs ready. Basically I
>would like to hook up a GPS receiver to the TNC and not use a computer after
>the inital setup. Its intended use is for backpack operation (to report
>position) and maybe even a digi (if needed). I have read that vendors are
>putting smarter and smarter TNC's out on the market and I really have not
>kept up to what's current. Of course, the lower the power requirements the
>better for the TNC.

You don't need a TNC for that. Several solutions with small
microcontrollers (PIC etc) are available that will do just that with much
less components in a lot smaller package.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

890. Re: Good PSK31 Contest Software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 09:40:08 UTC
From: amx2@dxsoft.com
Message-ID: <3af2789b.73179997@news.cis.dfn.de>
Source record: 8876
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

On Fri, 20 Apr 2001 13:53:48 GMT, "David Spoelstra"
<davids@mediamachine.com> wrote:

>I'm looking for good PSK31 contest software. My problem is more on the
>logging and dupe checking part of the software. It seems all the current
>PSK31 packages I've tried out there really fall down on this part. Do
>people run PSK31 *and* contest logging software at the same time? Any
>recommendations?
>

See TrueTTY and contest-version of AALog at http://www.dxsoft.com
They work together well.

WBR,
Sergei

891. Re: APRS TNC suggestion

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 09:57:28 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <9ctuer$kq4$1@plutonium.btinternet.com>
Source record: 8878

Tony Schliesser <tony@citynet.net> wrote in message
news:tf4cu56mq2s661@corp.supernews.com...
> I am looking for suggestions for a TNC that is aprs ready. Basically I
> would like to hook up a GPS receiver to the TNC and not use a computer
after
> the inital setup. Its intended use is for backpack operation (to report
> position) and maybe even a digi (if needed). I have read that vendors are
> putting smarter and smarter TNC's out on the market and I really have not
> kept up to what's current. Of course, the lower the power requirements
the
> better for the TNC.
>
> 73,
>
> Tony N8XJA
>
>

Tony,

Have you considered the TinyTrak? If not, see www.byonics.com

Regards,

Roger, G3VKM

892. Getting Started in Packet - TNC Recommendations

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 10:57:31 UTC
From: Brian Haren <bharen@bellsouth.net>
Message-ID: <9Qvl6.6714$j76.230804@news1.atl>
Source record: 8879

Hello All!

I want to get started in local packet on 2 meters, but don't want to spend too much money just trying it out. I was looking at both the BayPac BP-2 and the Rigblaster Nomic as an entry point. Both seem to get good reviews, but I was leaning towards the Nomic since it'll work with Win98 software (the Tigertronics BayPac website clearly states that the BayPac needs to work in DOS only mode). I'd like recommendations from all the packet Elmers out there on the merits/downfalls of each.

Thanks in advance!

73
Brian
KC5YNP

893. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 11:11:03 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <b7wl6.13313$2_.4739984@news3.rdc1.on.home.com>
Source record: 8880
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"Bob" <bob@bob.com> wrote in message news:3AF2382E.28F357EC@bob.com...
> Your statement is unoriginal and weak.

You mean short and to the point ...

>
> So, you base your respect for people on whether or not they follow the
laws
> that your local, state and federal government imposes on them?

It's a simple law that you choose to disobey, you obviously think yourself grandiose enough to decide which law should be followed and which shouldn't. If you choose to disobey those laws what about others?

>
> Let me ask you this then, if you were around during prohibition (were
you?),
> would you have disrespected bootleggers and consumers of alcoholic
beverages
> up until the very point where the 18th amendment was repealed?

You are getting the idea ... why respect criminals ??? I'm pretty sure you don't go to local penn's to drop off stuff for the criminals inside (as you would call them ... "good buddy")

> Good thing all those amendments came along abolishing slavery and granting
> women the right to vote or you still wouldn't have respect for women or
> Negroes.

If a law is wrong lobby to change it ... don't sit back in your homes breaking it every chance you get ... and please don't ever compare yourself to women and african americans of back then ... you are not oppressed.

The test is a joke ... I did mine when I was 11 with a grand total of about 2 weeks of studying for it (on my own I might add) ... its 100 questions multiple choice (up here anyways) and is general knowledge any operator should know.

The only thing stopping you from operating legally on the ham bands is your ignorance and your spite for rules and regs.

>
> http://pages.prodigy.net/krtq73aa/reed2.htm
>
>

> Bob.

--
Rob St.Denis

894. Re: Getting Started in Packet - TNC Recommendations

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 11:30:18 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3AF292CA.3C1ACFDF@dialpoint.net>
Source record: 8881

Look here for some sound card packet programs.

http://www.muenster.de/%7Ewelp/sb.htm

Brian Haren wrote:
>
> Hello All!
>
> I want to get started in local packet on 2 meters, but don't want to spend
> too much money just trying it out. I was looking at both the BayPac BP-2
> and the Rigblaster Nomic as an entry point. Both seem to get good reviews,
> but I was leaning towards the Nomic since it'll work with Win98 software
> (the Tigertronics BayPac website clearly states that the BayPac needs to
> work in DOS only mode). I'd like recommendations from all the packet Elmers
> out there on the merits/downfalls of each.
>
> Thanks in advance!
>
> 73
> Brian
> KC5YNP

895. Manuals

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 12:55:49 UTC
From: mogens9181@aol.com
Message-ID: <20010504085549.19980.00002413@ng-mi1.aol.com>
Source record: 8882

I am looking for manuals for the Kenwood TS-520 and the Dentron MT-3000A antenna tuner. Would appreciate any help from my fellow hams.

73 and thanks,
Chris Jespersen K2OG

896. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 13:30:25 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3AF2AEF1.6223EC9D@IEEE.org>
Source record: 8883
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"Rob St.Denis" wrote:
> It's a simple law that you choose to disobey, you obviously think yourself
> grandiose enough to decide which law should be followed and which shouldn't.

You are implying that you have never driven above the speed limit, Rob.
Will you swear that you have never broken a traffic law? Have you never
gotten a traffic ticket or a parking ticket?
--
http://www.mindspring.com/~w6rca

897. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 13:54:17 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <dwyl6.14009$2_.4965037@news3.rdc1.on.home.com>
Source record: 8884
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> You are implying that you have never driven above the speed limit, Rob.
> Will you swear that you have never broken a traffic law? Have you never
> gotten a traffic ticket or a parking ticket?

I have never received a speeding or any other traffic infraction. I have never received a warning. I never speed. I always use my turn signals/mirrors/shoulder check when turning and changing lanes. There is no need to. I always give myself ample time to get anywhere. I have never received a parking ticket either. Speeding is stupid AND illegal.

--
Rob St.Denis

898. Re: APRS TNC suggestion

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 13:56:56 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <7zyl6.24630$TW.115859@tor-nn1.netcom.ca>
Source record: 8885

Consider the KANTRONICS KPC-3 Plus. It has great APRS software including a great UI DIGI software for APRS digipeating!

Rob

"Tony Schliesser" <tony@citynet.net> wrote in message news:tf4cu56mq2s661@corp.supernews.com...
> I am looking for suggestions for a TNC that is aprs ready. Basically I
> would like to hook up a GPS receiver to the TNC and not use a computer after
> the inital setup. Its intended use is for backpack operation (to report
> position) and maybe even a digi (if needed). I have read that vendors are
> putting smarter and smarter TNC's out on the market and I really have not
> kept up to what's current. Of course, the lower the power requirements the
> better for the TNC.
>
> 73,
>
> Tony N8XJA
>
>

899. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 14:07:23 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3AF2B79B.1F7EA7FB@IEEE.org>
Source record: 8886
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"Rob St.Denis" wrote:
> I have never received a speeding or any other traffic infraction. I have
> never received a warning. I never speed. I always use my turn
> signals/mirrors/shoulder check when turning and changing lanes. There is no
> need to. I always give myself ample time to get anywhere. I have never
> received a parking ticket either. Speeding is stupid AND illegal.

I don't believe you, Rob, but if you are telling the truth, you are
abnormal and among an insignificant number of citizens.
--
http://www.mindspring.com/~w6rca

900. Re: Soundcard Pactor Possible ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 14:11:33 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <QMyI6.24635$TW.115923@tor-nn1.netcom.ca>
Source record: 8887

I disagree! There is definitely interest! But the big problem is trying to implement PACTOR 1 using a sound card under Windows!!

Most HAMS want a PACTOR 1 sound card program to run under windows so they can run their logging software etc. There is the BIG problem. It is VERY difficult to obtain accurate enough timing even if you use DIRECTX technology. The problem is with WINDOWS which was NEVER designed to be a real time Operating System.

ALL the Pactor 1 sound card programs that I am aware of run under DOS or Linux.

In my view, the BEST Pactor 1 sound card program is RITTY version 2.38 which runs under DOS. But you need a TRUE SoundBlaster ISA card (no Clones and NO PCI cards!). I understand that you can still buy RITTY version 2.38 from K6STI.

Tom Sailor (HB9JNX) has also written a Pactor 1 sound card program for DOS but it needs sound cards using PersonalSoundArchitecture (PSA) Chipset from Analog Devices, such as Echospeech Personal Sound System and others. The PSA chipset relives the main CPU of a lot of work. But you cant buy PSA chipset sound cards anymore. To bad since his Pactor 1 program is free.

If you have an old fashioned RTTY modem such as an AEA CP-1 you may want to try TERMAN93 for Pactor 1. It is free and from HB9JNX (see http://www.baycom.org/~tom/ham/ham.html)

I think most hams are looking for a VERY low cost way (Preferably free) to operate Pactor 1. To most Hams the sound card is the way to do this. If that is truly your motivation, then install Linux and run the FREE Pactor 1 sound card program. Otherwise, buy RITTY 2.38 (for TRUE ISA Sound Blaster cards) or buy a second hand PACTOR TNC such as a AEA PK-232 off Ebay).

73
Rob

"Fred Stern" <fstern@ford.com> wrote in message
news:tpnI6.10601$2U.4722802@news2.rdc2.tx.home.com...
> It's possible, but not enough interest. Hams won't buy it,
> so hardware designs are the only way to make a profit.
>
> <jfenn@lava.net> wrote
> > I have heard that finally someonw has produced software
> > that permits PACTOR using sound card only without benefit
> > of TNC of any kind.
>
>

>

901. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 15:17:20 UTC
From: Ron in NC <kc4yoy@pop.trellis.net>
Message-ID: <01c0d4ad$00c64b40$6d4c96d0@ron>
Source record: 8888
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> I don't believe you, Rob,

You may not believe him, but there's one I believe,
(no make that KNOW) and that is that most of
the folks on this NG, like me are not interested
in your BS and wish you would do it by private email.

Ron KC4YOY

902. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 15:53:18 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <OfAI6.14508$2_.5137771@news3.rdc1.on.home.com>
Source record: 8889
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> I don't believe you, Rob, but if you are telling the truth, you are
> abnormal and among an insignificant number of citizens.

Well it certainly is hard to find people with the courage of their own convictions today. The way I figure it, those laws are there for a reason. Who am I to contest them or break them. The way I look at it is a criminal is a criminal regardless of his crime. I can't stand criminals of any sort, so, why would I lump myself in the same group as them? As for speeding is concerned, I don't see a point to it. The farthest I go on a daily basis is 110kms. Speed limit's 80kmh ... if I tossed on say 15kmh to that (2 points off my licence if I get caught too) it will take me 1hr 9mins, if I do the speed limit it will take 1hr 23mins. 14 extra minutes is no big deal with me. And is certainly not worth the trouble if I get caught.

As for the signals and such, using them is very important, kind of a good idea to keep the other drivers on the road informed of my intentions.
--
Rob St.Denis

903. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 17:37:20 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3AF2E8D0.C63B6346@IEEE.org>
Source record: 8890
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Ron in NC wrote:
> You may not believe him, but there's one I believe,
> (no make that KNOW) and that is that most of
> the folks on this NG, like me are not interested
> in your BS and wish you would do it by private email.

Compared to the other BS on this rec.radio.amateur.policy
NG, this one is minor.
--
http://www.mindspring.com/~w6rca

904. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 17:54:13 UTC
From: W6DKN <w6dkn@qsl.net>
Message-ID: <91CI6.206$B%4.118512@dfiatx1-snr1.gtei.net>
Source record: 8892
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
news:3AF2B79B.1F7EA7FB@IEEE.org...
> "Rob St.Denis" wrote:
> > I have never received a speeding or any other traffic infraction. I
have
> > never received a warning. I never speed. I always use my turn
> > signals/mirrors/shoulder check when turning and changing lanes. There
is no
> > need to. I always give myself ample time to get anywhere. I have
never
> > received a parking ticket either. Speeding is stupid AND illegal.
>
> I don't believe you, Rob, but if you are telling the truth, you are
> abnormal and among an insignificant number of citizens.
> --

I don't know about that. I have been driving on the Los Angeles area freeways and city streets for 32 years and I have never received a traffic ticket either. I don't think this is as rare as you think - I know of several other people who have also never been cited for a moving violation.

I have, however, received a parking ticket from a city that did not allow overnight street parking in residential neighborhoods, and "forgot" to post any warning signs. A new twist on the old "speed traps" ? :>)

Anyway, I challenged the citation on the basis of 1) the violation was not done intentionally, and 2) the violation was a direct result of the city's failure to post adequate signage informing the public of the ordinance. The judge concurred and dismissed the citation.

73 de W6DKN

905. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 18:53:34 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <OUCI6.15396$2_.5427521@news3.rdc1.on.home.com>
Source record: 8893
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Plus on a rather hedonistic point of view ... it annoys the hell out of those drivers who are in such a hurry to get nowhere as to risk their and others lives. I have to bring the camera one of these days to catch their expressions =)

--
Rob St.Denis

"W6DKN" <w6dkn@qsl.net> wrote in message news:91CI6.206$B%4.118512@dfiatx1-snr1.gtei.net...
> "W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
> news:3AF2B79B.1F7EA7FB@IEEE.org...
> > "Rob St.Denis" wrote:
> > > I have never received a speeding or any other traffic infraction. I
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> > > never received a warning. I never speed. I always use my turn
> > > signals/mirrors/shoulder check when turning and changing lanes. There
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> > > need to. I always give myself ample time to get anywhere. I have
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> > > received a parking ticket either. Speeding is stupid AND illegal.
> >
> > I don't believe you, Rob, but if you are telling the truth, you are
> > abnormal and among an insignificant number of citizens.
> > --
>
> I don't know about that. I have been driving on the Los Angeles area
> freeways and city streets for 32 years and I have never received a traffic
> ticket either. I don't think this is as rare as you think - I know of
> several other people who have also never been cited for a moving
violation.
>
> I have, however, received a parking ticket from a city that did not allow
> overnight street parking in residential neighborhoods, and "forgot" to
post
> any warning signs. A new twist on the old "speed traps" ? :>)
>
> Anyway, I challenged the citation on the basis of 1) the violation was not
> done intentionally, and 2) the violation was a direct result of the city's
> failure to post adequate signage informing the public of the ordinance.
The
> judge concurred and dismissed the citation.
>

>
> 73 de W6DKN
>
>

906. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 19:52:27 UTC
From: sparky@cet.com
Message-ID: <3af307b4.357836@news.cet.com>
Source record: 8894
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 08:30:25 -0500, W6RCecilA <Cecil.A.Moore@IEEE.org>
wrote:

>"Rob St.Denis" wrote:
>> It's a simple law that you choose to disobey, you obviously think yourself
>> grandiose enough to decide which law should be followed and which shouldn't.
>
>You are implying that you have never driven above the speed limit, Rob.
>Will you swear that you have never broken a traffic law? Have you never
>gotten a traffic ticket or a parking ticket?
>--

The vast majority of speeders don't purchase and install special
equipment (linear amps) and modify their rigs (frequency mods) with
the sole intention of breaking the law.

907. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 19:59:54 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <_SDI6.15713$2_.5522308@news3.rdc1.on.home.com>
Source record: 8895
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

No their equipment (cars) are capable of breaking laws without any
modification at all.

--
Rob St.Denis

"Sparky" <sparky@cet.com> wrote in message
news:3af307b4.357836@news.cet.com...
> On Fri, 04 May 2001 08:30:25 -0500, W6RCecilA <Cecil.A.Moore@IEEE.org>
> wrote:
>
> >"Rob St.Denis" wrote:
> >> It's a simple law that you choose to disobey, you obviously think
yourself
> >> grandiose enough to decide which law should be followed and which
shouldn't.
> >
> >You are implying that you have never driven above the speed limit, Rob.
> >Will you swear that you have never broken a traffic law? Have you never
> >gotten a traffic ticket or a parking ticket?
> >--
>
> The vast majority of speeders don't purchase and install special
> equipment (linear amps) and modify their rigs (frequency mods) with
> the sole intention of breaking the law.

908. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 20:43:15 UTC
From: sparky@cet.com
Message-ID: <3af311f1.2978637@news.cet.com>
Source record: 8896
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 19:59:54 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>No their equipment (cars) are capable of breaking laws without any
>modification at all.

My point exactly. 'Freebanding' is a deliberate act, carefully planned and executed. But just for the sake of argument, suppose you live on a street where the speed limit is posted at 4mph. How long until you get fed up with people cruising past your house at 1000mph? More realistically, your street is probably 25mph, and that would clock those speeders at 6250MPH!!!! Not just that, but these speeders hold drag races, don't use any mufflers, and drive off-road right through private property. When these speeders are caught, the fines are typically more than ten times that of speeders on the highway. So how do you compare radio pirates to speeding?

>Rob St.Denis

BTW, any relation to Bill St.Denis in Spokane?

909. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 21:05:45 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <JQEI6.16016$2_.5622874@news3.rdc1.on.home.com>
Source record: 8897
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"Sparky" <sparky@cet.com> wrote in message
news:3af311f1.2978637@news.cet.com...
> On Fri, 04 May 2001 19:59:54 GMT, "Rob St.Denis"
> <tstdenis3160@home.com> wrote:
>
> >No their equipment (cars) are capable of breaking laws without any
> >modification at all.
>
> My point exactly. 'Freebanding' is a deliberate act, carefully planned

so is speeding, I'm not talking touching the accelerator a little too much off a light or anything I'm talking hitting the highway at 120kmh ... people do it and say well its not that much ... when that can land a hefty fine and 2 points on your licence ...

> and executed. But just for the sake of argument, suppose you live on a
> street where the speed limit is posted at 4mph. How long until you get
> fed up with people cruising past your house at 1000mph? More
> realistically, your street is probably 25mph, and that would clock
> those speeders at 6250MPH!!!! Not just that, but these speeders hold
> drag races, don't use any mufflers, and drive off-road right through
> private property. When these speeders are caught, the fines are
> typically more than ten times that of speeders on the highway. So how
> do you compare radio pirates to speeding?

They both willfully break the law. They both know that they did it (although ignorance is no excuse), heck "freebanders" have a term for their crime, "freebanding". They use a portion of the spectra reserved for other services, which in turn can lead to prolonging those services and in the case of millitary and SAR that could mean someones life the same as doing +20% on the high way makes you more of a danger to other drivers.

> BTW, any relation to Bill St.Denis in Spokane?

Nope ... I'm a canuck.

--
Rob St.Denis

910. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 21:38:48 UTC
From: sparky@cet.com
Message-ID: <3af31ea3.6228165@news.cet.com>
Source record: 8898
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 21:05:45 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> My point exactly. 'Freebanding' is a deliberate act, carefully planned
>
>so is speeding, I'm not talking touching the accelerator a little too much
>off a light or anything I'm talking hitting the highway at 120kmh ... people
>do it and say well its not that much ... when that can land a hefty fine and
>2 points on your licence ...

The difference is that when you run a kilowatt amp, you do it with the
sole intent of breaking the law -- you purchased the amp in order to
break the law and nothing else. Not true with a car, unless your car
can only operate above the speed limit.

>> and executed. But just for the sake of argument, suppose you live on a
>> street where the speed limit is posted at 4mph. How long until you get
>> fed up with people cruising past your house at 1000mph? More
>> realistically, your street is probably 25mph, and that would clock
>> those speeders at 6250MPH!!!! Not just that, but these speeders hold
>> drag races, don't use any mufflers, and drive off-road right through
>> private property. When these speeders are caught, the fines are
>> typically more than ten times that of speeders on the highway. So how
>> do you compare radio pirates to speeding?
>
>They both willfully break the law. They both know that they did it
>(although ignorance is no excuse), heck "freebanders" have a term for their
>crime, "freebanding". They use a portion of the spectra reserved for other
>services, which in turn can lead to prolonging those services and in the
>case of millitary and SAR that could mean someones life the same as doing
>+20% on the high way makes you more of a danger to other drivers.

I agree with you there, as it is yet another reason against pirate
radio.

>> BTW, any relation to Bill St.Denis in Spokane?
>
>Nope ... I'm a canuck.

He family is from Quebec, but he just told me that just about every
other person there is a St.Denis ;-)

911. Re: Getting Started in Packet - TNC Recommendations

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 22:40:11 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <IdGI6.24897$TW.116449@tor-nn1.netcom.ca>
Source record: 8899

Both the Baypac and sound card interface approaches will work fine.

If you are using an old slow PC, use a Baycom modem or external TNC.

If you are running a fast Pentium class PC, go with a sound card approach.
It is a lot cheaper.

If you want to save some money, build your own sound card interface and use
AGW packet engine or Flexnet. It is easy to build a sound card interface.
If you use Vox, all you need are couple of audio isolations transformers and
a couple of resistors. Just put them inside a cable, add some solder and
tape and you have a great interface with JUST as much isolation that you
would get from RigBlaster! You don't even need an enclosure.

If you want to use PTT, add a transistor, a diode and a couple of resistors.
(But you may want to add an enclosure). All the parts are available from
radio shack.

Good luck.

73
Rob

"Brian Haren" <bharen@bellsouth.net> wrote in message
news:9QvI6.6714$j76.230804@news1.atl...
> Hello All!
>
> I want to get started in local packet on 2 meters, but don't want to spend
> too much money just trying it out. I was looking at both the BayPac BP-2
> and the Rigblaster Nomic as an entry point. Both seem to get good
reviews,
> but I was leaning towards the Nomic since it'll work with Win98 software
> (the Tigertronics BayPac website clearly states that the BayPac needs to
> work in DOS only mode). I'd like recommendations from all the packet
Elmers
> out there on the merits/downfalls of each.
>
> Thanks in advance!
>
> 73
> Brian
> KC5YNP
>
>

912. Sound card TNC.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-04 23:32:58 UTC
From: Itexas <cernava@itexas.net>
Message-ID: <9cve6g02c3c@enews3.newsguy.com>
Source record: 8751

Hi,

I have seen about the sound card TNC.
I was wondering what it can do. Could I do 9600 FSK? Or what is it able to do?
It sounds very interesting.

Thanks.
Richard KC8ESJ

913. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 00:00:30 UTC
From: Seth Miller <sethmiller73@email.com>
Message-ID: <3AF3429E.C7A01A92@email.com>
Source record: 8900

Per the SCS web site, the reason given for the creation of the PTC-II Pro was that the DSP chipset currently being used in the PTC-II was simply no longer available... nothing said about a higher power DSP actually being necessary for better performance (although I suppose it can't hurt). There is a TXCO oscillator in the Pro, but since all Pactor II boxes automatically adjust for minor freq variations between connected stations I'm not sure what the TXCO brings to the table. The only other significant item is the Pro coming with 2 mb RAM standard, but as far as I understand this only serves to increase message capacity of the internal mailbox - if you use it. So, it sounds like they threw in whatever incremental improvements they could since they had to update the design anyway... but not that there will be any actual link performance improvement with the Pro vs. the II or IIe. This is just what I surmise from what I have read, perhaps I am missing something... else it certainly doesn't seem worth upgrading if you already own one a II or IIe. But still nice to see the product line evolving... SCS makes a great line of hardware even if it isn't cheap.

Has anyone noticed the new 'Hayes compatible' mode that lets you use AT commands to establish links? Or the new PPP/TCP/IP functionality? Really neat. But you have to lay down another $89 for the professional ('Marine') software version. With the Marine software you can also establish links in 'robust connect' mode (vs. receive only with the 3.1 standard software). They will have my 89 bucks very soon.

- Seth N6SQ

(please remove the '73' from the above address in order to send a personal reply).

Jim Frohoff wrote:

> > Check EBAY. But once you have a PTC II, you don't want to give it up. It
> > is a FANTASTIC modem! Pactor II is amazing. You won't see many in the
> used
> > market. Maybe when SCS releases a NEWER modem, you will see some PTC II's
> > on the used market.
>
> SCS just announced a new version! .... PTC II Pro.
> http://www.scs-ptc.com/features.html
>
> ... and right after I bought my PTC II ! It only has one or two additional
> features, so I suspect there is not alot to gain in upgrading at this point.
>
> jf

914. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 02:49:56 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <3af36a53$0$12824$1dc6e903@news.corecomm.net>
Source record: 8752
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Sparky wrote:
>
> On Fri, 04 May 2001 08:30:25 -0500, W6RCecilA <Cecil.A.Moore@IEEE.org>
> wrote:
>
> >"Rob St.Denis" wrote:
> >> It's a simple law that you choose to disobey, you obviously think yourself
> >> grandiose enough to decide which law should be followed and which shouldn't.
> >>
> >You are implying that you have never driven above the speed limit, Rob.
> >Will you swear that you have never broken a traffic law? Have you never
> >gotten a traffic ticket or a parking ticket?
> >--
>
> The vast majority of speeders don't purchase and install special
> equipment (linear amps) and modify their rigs (frequency mods) with
> the sole intention of breaking the law.

No. They purchase speed radar detectors so they can slow down when they
approach a cop out trying to bust them....

Dave Nagel

915. StreetNav iGPS Receiver?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 10:53:58 UTC
From: clvancil@aol.com.spamnix
Message-ID: <20010505065358.17157.00002146@ng-ct1.aol.com>
Source record: 8753

Hi All,

Has anyone purchase a Pharos Streetnav? What is your opinion of this receiver?

I would be using it in a balloon payload.

73,
Chris Vancil (KD7LRV)
"Limine fato impedito, perage fenestram"
"When fate closes a door go in through a window."
http://members.aol.com/CLVANCIL/MarsBalloon.html

916. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 16:33:14 UTC
From: dentronman
Message-ID: <eXVI6.101$lo2.1640@newsfeed.intelenet.net>
Source record: 8754
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

thats not that fast come one try 0 150 in 10 seconds then talk to me.
"Walt Davidson" <walt@f1racing.co.uk> wrote in message
news:j9g7ftsl5i999vod9pa42njbnlv8ha34vv@4ax.com...
> On 05 May 2001 04:12:35 GMT, moparholic@home.net wrote:
>
> >0 to 140 in 11 seconds is actually a lot of fun. Sorry you'll never
experience it.
>
> Especially on a motorcycle! (I have the ticket to prove it ... the
> only one I have ever received.)
>
> :-)
> 73 de G3NYY
>
> --
> Walt Davidson Email: g3nyy @freeuk.com

917. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 17:07:48 UTC
From: unkadean <dnorris@k7nomyclothes.com>
Message-ID: <kqc8ftoip9cl7ji5rs12jfibqqof12q3es@4ax.com>
Source record: 8755
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 13:54:17 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> You are implying that you have never driven above the speed limit, Rob.
>> Will you swear that you have never broken a traffic law? Have you never
>> gotten a traffic ticket or a parking ticket?
>
>
>I have never received a speeding or any other traffic infraction. I have
>never received a warning. I never speed. I always use my turn
>signals/mirrors/shoulder check when turning and changing lanes. There is no
>need to. I always give myself ample time to get anywhere. I have never
>received a parking ticket either. Speeding is stupid AND illegal.

I bow to perfection!

unkadean

Visit www.k7no.com Under construction but getting there.

918. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 18:28:09 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <ZCXI6.22985$2_.7978926@news3.rdc1.on.home.com>
Source record: 8756
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> I bow to perfection!

Perfection is irrelevant ... it doesnt take a genious to simply not break the laws ...

--
Rob St.Denis

919. Re: Sound card TNC.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-05 19:49:36 UTC
From: Markus Müller <mamueller@dplanet.ch>
Message-ID: <3AF45950.71FE18A9@dplanet.ch>
Source record: 8757

Flexnet includes a sound card TNC which can do both 1200 bps and 9600
bps packet. Unfortunately it is quite a complex program that requires
lots of configuration.

For details see the flexnet homepage which can be reached under
"http://www.afthd.tu-darmstadt.de/~flexnet/index.html"

73 de Markus HB9CTB

Itexas wrote:
>
> Hi,
>
> I have seen about the sound card TNC.
> I was wondering what it can do. Could I do 9600 FSK? Or what is it able to
> do?
> It sounds very interesting.
>
> Thanks.
> Richard KC8ESJ

920. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 04:58:23 UTC
From: "MIchael W. McGinley" <mmcginley@kscable.comSTOPSPAM>
Message-ID: <050520012358456983%mmcginley@kscable.comSTOPSPAM>
Source record: 8758

No Respect - No Quarter - No Mercy

There is no such thing as a freebander
I'll call Freebanders what They really are... FELONS !

Nuff Said

Michael - N0JVT

In article <3af0740e$1@news2.mibx.net>, Twistedhed
<twistedhed@webtv.net> wrote:

> I am posting here because of some of the nasty things I have read in this
> group and in QRZ discussions regarding freebanders. We who use the frequencies
> from 27.405 to 28.000 have more in common with hams than you might think.
> We are good operators and have knowledge of propagation and skip conditions.
> We use Yasus, Kenwoods and Icomm radios just like you do, so we know technical
> issues as well or better. However, the attitude of some hams toward us is
> rude and condescending. We are treated like 2nd class citizens. This should
> not be. We have the same rights under the constitution as legal hams do.
> For those that do not wish to be under Uncle Sam's thumb, freebanding is
> a viable alternative to getting a ham radio license. What I am saying is
> that maybe the next time you meet a freebander it might be wise to talk with
> him before you condemn him.
>
> This article ought to clarify things, as I am the author:
> http://sporadic1.tripod.com/page7.html
>
> I am QRT and standing by. (No flames answered. Please reply via email)
>
> Unit 2711, Florida

921. Need PK232MBX Config file for WinAPRS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 05:15:13 UTC
From: arlen fletcher <arlen.fletcher@worldnet.att.net>
Message-ID: <B55J6.6386$4f7.519124@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8759

I've got a PK232MBX that I'd like to use with WinAPRS, but apparently I need
a config file for WinAPRS to initialize it. Can someone point me to one ?

TIA!

73

Arlen Fletcher
N7YIM

--
Now you and your computer can DO SOMETHING about Cancer!
Volunteer your unused CPU cycles in the fight to find a cure!
http://members.ud.com/vypc/cancer/

922. Re: Manuals

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 11:46:00 UTC
From: lak <lak@radio.land.com>
Message-ID: <5LaJ6.5280$g61.330152@e420r-chi1.usenetserver.com>
Source record: 8760

Old Kenwood manuals are being sold by Howard W. Sams & Co. Indianaoplis, IN.

I tried to get them from Kenwood, but was directed to Sams whom made a copy
of the old TS-820 manuals for around US$29.95.

From what the person at Sams told me they have reprint rights to several
other manufactures as well.

lak

"Mogens9181" <mogens9181@aol.com> wrote in message
news:20010504085549.19980.00002413@ng-mi1.aol.com...
> I am looking for manuals for the Kenwood TS-520 and the Dentron MT-3000A
> antenna tuner. Would appreciate any help from my fellow hams.
>
> 73 and thanks,
> Chris Jespersen K2OG
>

923. Re: Need information

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 12:32:46 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3AF5446E.F976A636@dialpoint.net>
Source record: 8762

Threre have been several new modes the pk232 does not cover. The sound card programs work very well for the low band modes. Look here for some programs, many are free.

http://www.muenster.de/%7Ewelp/sb.htm

Especially check out Digipan. It is for psk32. I don't remember the other program name but there is also some programs that do multimodes. There is a rtty program called something like MTTY that is very nice. The psk32 usually is around 14.070 and also on other bands.

I have not operated a pk232 type modem but I have used an old st-6 for rtty and can tell you that the sound card programs compair very well to it.
Unless you want to just operate packet , I would for get about the pk232 upgrade.

N4RPK wrote:
>
> Due to circumstances I had to get out of radio back in 1992. Then I only
> held a tech + license, but really enjoyed vhf packet operation. I've now
> been able to get back into the hobby with both feet and currently hold an
> advanced ticket. The problem is that I don't find much digital activity on
> vhf and so I thought I'd start looking through the HF bands. I have a
> PK232MBX that I've been trying to listen to some of the signals with but
> can't seem to decode the transmissions. I've been reading about the "newer"
> modes of digital transmissions and am trying to decide if it would be better
> to upgrade the 232 for DSP operation or try to use some of the sound card
> programs that are available for download. My questions are: What are the
> popular modes that are being used presently for casual contacts? Has the HF
> packet protocols changed? Is there a website that might list common freq.
> for digital operations?
> I am interested in just making casual, ragchewing contacts. Any inf. would
> be appreciated.
>
> Bob
> N4RPK

924. Need information

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 12:58:22 UTC
From: N4RPK <mailliw@peoplepc.com>
Message-ID: <tfaijqjkuhhd84@corp.supernews.com>
Source record: 8761

Due to circumstances I had to get out of radio back in 1992. Then I only held a tech + license, but really enjoyed vhf packet operation. I've now been able to get back into the hobby with both feet and currently hold an advanced ticket. The problem is that I don't find much digital activity on vhf and so I thought I'd start looking through the HF bands. I have a PK232MBX that I've been trying to listen to some of the signals with but can't seem to decode the transmissions. I've been reading about the "newer" modes of digital transmissions and am trying to decide if it would be better to upgrade the 232 for DSP operation or try to use some of the sound card programs that are available for download. My questions are: What are the popular modes that are being used presently for casual contacts? Has the HF packet protocols changed? Is there a website that might list common freq. for digital operations?
I am interested in just making casual, ragchewing contacts. Any inf. would be appreciated.

Bob
N4RPK

925. Re: What is safe input power to SB-201 when running continous output PSK31 or RTTY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 13:24:46 UTC
From: hamish@cloud.net.au
Message-ID: <ygcJ6.30$25.799@news1.eburwd1.vic.optushome.com.au>
Source record: 8763
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

In rec.radio.amateur.digital.misc Larry da Ponte <ldaponte@hotmail.com> wrote:
> Just purchased an SB-201 and was wondering how to make sure I don't damage
> the tubes when using some of the continous digital modes such as PSK31 or
> RTTY. I have a Kenwood TS-820S which can drive ~150 watts into the SB-201 -
> what is a safe input power for the Heathkit amp for continous output? The
> manual doesn't give any suggestions. Thanks.

I suggest not using it. You won't need the extra power on PSK31.
You don't even need the raw 150W, imho. I use about 50 max and
work the world.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

926. URL for OTC multi-meter??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 13:43:06 UTC
From: SaleenLover@webtv.net
Message-ID: <1828-3AF554EA-143@storefull-626.iap.bryant.webtv.net>
Source record: 8764

I was just given a OTC 500 Automotive Meter which is used.. and
Unfortunately there is no booklets or manual.. What Im looking for is
the Url for the company who makes it or any other possible text on
it....

Please mail me at inemm@hotmail.com

Thanks a head of time...

927. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 14:55:58 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <zCdJ6.25358$TW.118941@tor-nn1.netcom.ca>
Source record: 8765

Yes the new professional software supports TCP/IP but only for CLIENT applications. You must dish out even more $$ for TCP/IP firmware for host applications.

As a result, I don't see many Hams using TCP/IP over Pactor II.

The main benefit of the professional software is the ability to accept ROBUST connects. The Hayes mode is nice but you already have the same functionality and transparency with the WA8DED host mode.

I would like to see SCS expand the host mode to support RTTY, PSK31 etc. Then we might see some nice host mode programs for the PTC II.

Rob

"Seth Miller" <sethmiller73@email.com> wrote in message news:3AF3429E.C7A01A92@email.com...
>
> Per the SCS web site, the reason given for the creation of the PTC-II Pro was
> that the DSP chipset currently being used in the PTC-II was simply no longer
> available... nothing said about a higher power DSP actually being necessary for
> better performance (although I suppose it can't hurt). There is a TXCO
> oscillator in the Pro, but since all Pactor II boxes automatically adjust for
> minor freq variations between connected stations I'm not sure what the TXCO
> brings to the table. The only other significant item is the Pro coming with 2 mb
> RAM standard, but as far as I understand this only serves to increase message
> capacity of the internal mailbox - if you use it. So, it sounds like they threw
> in whatever incremental improvements they could since they had to update the
> design anyway... but not that there will be any actual link performance
> improvement with the Pro vs. the II or IIe. This is just what I surmise from
> what I have read, perhaps I am missing something... else it certainly doesn't
> seem worth upgrading if you already own one a II or IIe. But still nice to see
> the product line evolving... SCS makes a great line of hardware even if it

> isn't cheap.
>
> Has anyone noticed the new 'Hayes compatible' mode that lets you use AT
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> to establish links? Or the new PPP/TCP/IP functionality? Really neat. But
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> have to lay down another $89 for the professional ('Marine') software
version.
> With the Marine software you can also establish links in 'robust connect'
mode
> (vs. receive only with the 3.1 standard software). They will have my 89
bucks
> very soon.
>
> - Seth N6SQ
>
> (please remove the '73' from the above address in order to send a personal
> reply).
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It
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II's
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> > SCS just announced a new version! .... PTC II Pro.
> > http://www.scs-ptc.com/features.html
> >
> > ... and right after I bought my PTC II ! It only has one or two
additional
> > features, so I suspect there is not alot to gain in upgrading at this
point.
> >
> > jf
>

928. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 17:19:54 UTC
From: Seth Miller <sethmiller73@email.com>
Message-ID: <3AF587B9.8434D7E8@email.com>
Source record: 8766

Rob,

Thanks for pointing that out. It is clear in the documentation but incredibly I missed it. Not even being able to do development work without first acquiring the the host software is a big disappointment.

- Seth

Rob wrote:

> Yes the new professional software supports TCP/IP but only for CLIENT
> applications. You must dish out even more $$ for TCP/IP firmware for host
> applications.
>
> As a result, I don't see many Hams using TCP/IP over Pactor II.
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> The main benefit of the professional software is the ability to accept
> ROBUST connects. The Hayes mode is nice but you already have the same
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> > seem worth upgrading if you already own one a II or IIe. But still nice
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> > the product line evolving... SCS makes a great line of hardware even if
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> > isn't cheap.
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> > Has anyone noticed the new 'Hayes compatible' mode that lets you use AT
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> > to establish links? Or the new PPP/TCP/IP functionality? Really neat. But
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> > have to lay down another $89 for the professional ('Marine') software
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> > With the Marine software you can also establish links in 'robust connect'
> mode
> > (vs. receive only with the 3.1 standard software). They will have my 89
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> > - Seth N6SQ
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> > reply).
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> > Jim Frohoff wrote:
> >
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> > > > market. Maybe when SCS releases a NEWER modem, you will see some PTC
> II's
> > > > on the used market.
> > >
> > > SCS just announced a new version! .... PTC II Pro.
> > > http://www.scs-ptc.com/features.html
> > >
> > > ... and right after I bought my PTC II ! It only has one or two
> additional
> > > features, so I suspect there is not alot to gain in upgrading at this
> point.

> > >
> > > jf
> >

929. Soundcard Packet on 2400

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 22:26:14 UTC
From: Ken Duncanson <duncos@ozemail.com.au>
Message-ID: <SakJ6.2082$ZJ.78517@ozemail.com.au>
Source record: 8767

Our local BBS ops here in Townsville are using MFJ modems running at 2400. Does anyone know of a soundcard packet program which will talk to an MFJ modem on 2400 baud. According to the MFJ factory the tones are the same as 1200 baud i.e. 1200/2200 afsk. I have tried AGWPE, Flexnet Soundmodem and MixW. None o f these will decode packets from these 2400 baud BBS stations. My setup works fine on 1200 baud so I doubt there is a problem there. Any suggestions?

Ken VK4JUD

930. Re: Need information

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-06 23:48:51 UTC
From: Richard Ferch <ve3iay@storm.ca>
Message-ID: <9d4nt5$48n$1@news.storm.ca>
Source record: 8768

Bob,

The three most popular digital ragchewing modes today are MFSK16, PSK31 and RTTY. You can now operate on all of these modes using free software for Windows PCs with sound cards. To my knowledge there are at least a dozen free programs available over the Internet that support PSK31, three that will do MFSK16, and four that will do RTTY. The main differences among these programs appear to be the user interfaces; otherwise the performance on a given mode seems comparable among these programs. Links to (or copies of) most or all of them can be found at several places:
http://aintel.bi.ehu.es/psk31.html
http://www.btinternet.com/~G3VFP/download.html
http://www.n9vv.com/digital.html
http://www.psk31.com/
http://www.storm.ca/~ve3iay/digital.html
and probably lots of other sites.

HamScope 1.3, by KD5HIO (http://users.mesatop.com/~ghansen/), supports all three modes. MixW 2.0, by UT2UZ (http://users.nais.com/~jaffejim/downloads.htm), supports not only these three modes but a long list of other digital modes as well; it's free right now, but I believe you must pay a registration fee to use it after May 31.

I'd suggest you download one or both of these to start with, so you can listen to all three modes and see what they're like. For receive only, a simple patch cord from your radio's external speaker jack to the line input on your sound card will suffice to get you going. To transmit, you need a cable from your sound card's line output to an audio input (or microphone input) on your radio, possibly with an attenuator to control the audio level. You may also need some way to trigger the PTT on your radio (VOX works for me, but apparently this is not the case for all radios). The help files for these programs give details, or there are links from some of the above sites to detailed instructions on the Web. The same basic hardware hookup will work for all of the sound-card programs.

Look for PSK31 at 14.070, 21.070 and 28.120; MFSK16 is mostly found at 14.080, 21.080 and 28.080; and RTTY is found between .080 and .100 on these three bands.

Have fun, and welcome back to ham radio!

73, Rich
VE3IAY

"N4RPK" <mailliw@peoplepc.com> wrote in message
news:tfaijqjkuhhd84@corp.supernews.com...

> Due to circumstances I had to get out of radio back in 1992. Then I only
> held a tech + license, but really enjoyed vhf packet operation. I've now
> been able to get back into the hobby with both feet and currently hold an
> advanced ticket. The problem is that I don't find much digital activity on
> vhf and so I thought I'd start looking through the HF bands. I have a
> PK232MBX that I've been trying to listen to some of the signals with but
> can't seem to decode the transmissions. I've been reading about the
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> modes of digital transmissions and am trying to decide if it would be
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> programs that are available for download. My questions are: What are the
> popular modes that are being used presently for casual contacts? Has the
HF
> packet protocols changed? Is there a website that might list common freq.
> for digital operations?
> I am interested in just making casual, ragchewing contacts. Any inf. would
> be appreciated.
>
>
> Bob
> N4RPK
>
>
>

931. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 01:02:47 UTC
From: billsohl@mindspring.com
Message-ID: <3af5f3db.2766643@news.mindspring.com>
Source record: 8769
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 19:52:27 GMT, sparky@cet.com (Sparky) wrote:

>On Fri, 04 May 2001 08:30:25 -0500, W6RCecilA <Cecil.A.Moore@IEEE.org>
>wrote:
>
>>"Rob St.Denis" wrote:
>>> It's a simple law that you choose to disobey, you obviously think yourself
>>> grandiose enough to decide which law should be followed and which shouldn't.
>>
>>You are implying that you have never driven above the speed limit, Rob.
>>Will you swear that you have never broken a traffic law? Have you never
>>gotten a traffic ticket or a parking ticket?
>
>The vast majority of speeders don't purchase and install special
>equipment (linear amps) and modify their rigs (frequency mods) with
>the sole intention of breaking the law.

Additionally, speed limits in many places are arbitrarily set
low. The USA population routinely exceeds highway speed
limits and the police don't care one bit.

Cheers,
Bill K2UNK

932. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 01:05:50 UTC
From: billsohl@mindspring.com
Message-ID: <3af5f463.2902852@news.mindspring.com>
Source record: 8770
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Fri, 04 May 2001 21:38:48 GMT, sparky@cet.com (Sparky) wrote:

>On Fri, 04 May 2001 21:05:45 GMT, "Rob St.Denis"
><tstdenis3160@home.com> wrote:
>
>>> My point exactly. 'Freebanding' is a deliberate act, carefully planned
>>
>>so is speeding, I'm not talking touching the accelerator a little too much
>>off a light or anything I'm talking hitting the highway at 120kmh ... people
>>do it and say well its not that much ... when that can land a hefty fine and
>>2 points on your licence ...
>
>The difference is that when you run a kilowatt amp, you do it with the
>sole intent of breaking the law -- you purchased the amp in order to
>break the law and nothing else. Not true with a car, unless your car
>can only operate above the speed limit.

And for most people, they are speeding just staying with
the flow of traffic on American highways. Interstae 80 in NJ
is 55 for 30 miles before NYC. The AVERAGE flow of traffic
is usually 65/70 or higher. Anyone doing 55 is (or should
be) in the extreme right lane.

Cheers,
Bill K2UNK

933. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 01:26:39 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfbuehm3n8je5@corp.supernews.com>
Source record: 8771

> I would like to see SCS expand the host mode to support RTTY, PSK31
etc.
> Then we might see some nice host mode programs for the PTC II.
>
Me too! I was quite disappointed to find that the host mode did not
support all the other modes. Trying to make a nice terminal interface
for any of the SCS boxes using anything but the command line gets real
messy. Even the status word does not give a complete picture of what
the PTC is doing because there are not enough bits to handle the newer
modes that have been added.

934. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 03:26:36 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <pBoJ6.6854$2B6.467092@e420r-chi2.usenetserver.com>
Source record: 8772

Bob,
I mentioned this to Hans-Peter back in Feburary and this was the response I got:

"We still think about adding full hostmode control for all text modes (AMTOR, PSK31, RTTY) but as this is mainly an Amateur feature, it has low priority. Would only be worthwhile if a developer of a hostmode terminal is really willing to incorporate the new features into his program."

And I did tell him that we were trying to do that, and going between host and Term 5 was a pretty major issue in supporting the PTC-II line.

Rick - W4PC

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message news:tfbuehm3n8je5@corp.supernews.com...
>
> > I would like to see SCS expand the host mode to support RTTY, PSK31
> etc.
> > Then we might see some nice host mode programs for the PTC II.
> >
> Me too! I was quite disappointed to find that the host mode did not
> support all the other modes. Trying to make a nice terminal interface
> for any of the SCS boxes using anything but the command line gets real
> messy. Even the status word does not give a complete picture of what
> the PTC is doing because there are not enough bits to handle the newer
> modes that have been added.
>
>
>
>

935. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 09:08:44 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <wCtJ6.36147$2_.12329513@news3.rdc1.on.home.com>
Source record: 8773
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> Additionally, speed limits in many places are arbitrarily set
> low. The USA population routinely exceeds highway speed
> limits and the police don't care one bit.

SO speeding tickets are given out just to be mean?

936. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 09:11:42 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <iFtJ6.36148$2_.12331098@news3.rdc1.on.home.com>
Source record: 8774
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> And for most people, they are speeding just staying with
> the flow of traffic on American highways. Interstae 80 in NJ
> is 55 for 30 miles before NYC. The AVERAGE flow of traffic
> is usually 65/70 or higher. Anyone doing 55 is (or should
> be) in the extreme right lane.

See thats what people don't understand a speed limit is a maximum not a minimum.

It should go like this

55 <55 <<55

not

>>55 >55 55

People hitting 70+ should be the ones getting off teh road and having their heads checked.

937. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 09:16:27 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <LJtJ6.36152$2_.12334679@news3.rdc1.on.home.com>
Source record: 8775
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Just because there are a lot of idiots out there that do it doesn't make it right!

--
Rob St.Denis

"Walt Davidson" <walt@f1racing.co.uk> wrote in message news:ktjcft8ni9nqv9252pdggfjdkq2k6sn4hr@4ax.com...
> On Mon, 07 May 2001 01:05:50 GMT, billsohl@mindspring.com (Bill Sohl)
> wrote:
>
> >And for most people, they are speeding just staying with
> >the flow of traffic on American highways. Interstae 80 in NJ
> >is 55 for 30 miles before NYC. The AVERAGE flow of traffic
> >is usually 65/70 or higher. Anyone doing 55 is (or should
> >be) in the extreme right lane.
>
> The speed limit on most UK motorways is 70 mph. If you drive at 70
> mph even in the center lane, you have people tailgating you, flashing
> their headlights and sounding their horn. Eventually they will
> overtake you on the wrong side. The average speed on motorways is
> probably 85 mph.
>
> 73 de G3NYY
>
> --
> Walt Davidson Email: g3nyy @freeuk.com

938. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 10:41:03 UTC
From: helmsman <>
Message-ID: <ejucftc884a82olkuf5vaqpnggklgq54po@4ax.com>
Source record: 8777
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 09:08:44 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> Additionally, speed limits in many places are arbitrarily set
>> low. The USA population routinely exceeds highway speed
>> limits and the police don't care one bit.
>
>SO speeding tickets are given out just to be mean?
>

No it's for revenue enhansment. The cities need the money and most
cities use "traffic" for generating money as a lot of it isn't paid
for by residents. GOD help you if you violate in Royal Oak,Mi as they
have a brand new court bldg that is NOT paid for! Royal Oak police
allowed a video to be made once and it was broadcast, the sargent is
giving the beat cops hell so they will PRODUCE more. $$$

.
Help cure Cancer via Distributed Computing.
It costs you nothing.
http://www.ud.com/home.htm
==========
http://www.mindspring.com/~helmsman

939. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 10:42:49 UTC
From: billsohl@mindspring.com
Message-ID: <3af67bf5.671565@news.mindspring.com>
Source record: 8776
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 09:16:27 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>Just because there are a lot of idiots out there that do it doesn't make it
>right!

Not idiots...just common evryday people that recognize BAD
law when they see it and act accordingly.

Cheers,
Bill K2UNK

>--
>Rob St.Denis
>
>"Walt Davidson" <walt@f1racing.co.uk> wrote in message
>news:ktjcft8ni9nqv9252pdggfjdkq2k6sn4hr@4ax.com...
>> On Mon, 07 May 2001 01:05:50 GMT, billsohl@mindspring.com (Bill Sohl)
>> wrote:
>>
>> >And for most people, they are speeding just staying with
>> >the flow of traffic on American highways. Interstae 80 in NJ
>> >is 55 for 30 miles before NYC. The AVERAGE flow of traffic
>> >is usually 65/70 or higher. Anyone doing 55 is (or should
>> >be) in the extreme right lane.
>>
>> The speed limit on most UK motorways is 70 mph. If you drive at 70
>> mph even in the center lane, you have people tailgating you, flashing
>> their headlights and sounding their horn. Eventually they will
>> overtake you on the wrong side. The average speed on motorways is
>> probably 85 mph.
>>
>> 73 de G3NYY
>>
>> --
>> Walt Davidson Email: g3nyy @freeuk.com
>
>

940. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 10:45:27 UTC
From: billsohl@mindspring.com
Message-ID: <3af67c43.749653@news.mindspring.com>
Source record: 8778
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 09:11:42 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> And for most people, they are speeding just staying with
>> the flow of traffic on American highways. Interstae 80 in NJ
>> is 55 for 30 miles before NYC. The AVERAGE flow of traffic
>> is usually 65/70 or higher. Anyone doing 55 is (or should
>> be) in the extreme right lane.
>
>See thats what people don't understand a speed limit is a maximum not a
>minimum.
>
>It should go like this
>
>55 <55 <<55
>
>not
>
>>>55 >55 55
>
>People hitting 70+ should be the ones getting off teh road and having their
>heads checked.

WHY? Do you believe for one second that the speed
limits on American highways are realistic? Do they have
any resemblemce to reality. Is 70 mph across Kansas
logical when there is visibility to the horizon, light traffic
and not a bend in the load for miles ahead?

Cheers,
Bill K2UNK

941. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 10:46:21 UTC
From: billsohl@mindspring.com
Message-ID: <3af67cd1.891932@news.mindspring.com>
Source record: 8779
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 09:08:44 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> Additionally, speed limits in many places are arbitrarily set
>> low. The USA population routinely exceeds highway speed
>> limits and the police don't care one bit.
>
>SO speeding tickets are given out just to be mean?

More to just make $$$$ for the gov't entity involved.

Cheers,
Bill K2UNK

942. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 10:58:11 UTC
From: helmsman <>
Message-ID: <7mvcft8pffd6i5hb7sjulbftjlt0d3nv5i@4ax.com>
Source record: 8780
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 10:45:27 GMT, billsohl@mindspring.com (Bill Sohl)
wrote:
>
>WHY? Do you believe for one second that the speed
>limits on American highways are realistic? Do they have
>any resemblemce to reality. Is 70 mph across Kansas
>logical when there is visibility to the horizon, light traffic
>and not a bend in the load for miles ahead?
>
>Cheers,
>Bill K2UNK

The intrastate highways were engineered for 70 mph even in the city,
and I do miss the days of "no speed limit zone". Problem is with fuel
economy, doing away with frames, lawyers and millions of idiots who
can't control there machine at speed.

.
Help cure Cancer via Distributed Computing.
It costs you nothing.
http://www.ud.com/home.htm
==========
http://www.mindspring.com/~helmsman

943. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 11:37:35 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfd288c87gggb9@corp.supernews.com>
Source record: 8781

The fantastic new sound card programs certainly demonstrate what kind of things can be accomplished with Windows software when it is fully integrated with the hardware. I would suggest that the PTC needs a "top down" approach at this point. Start with the software user interface similar to what is being done with some of the sound card programs and then determine what the PTC needs in the way of a host mode interface to accomplish that degree of integration. If PTC code space is a problem (which I doubt at this point) then you could always have a separate firmware load that could be flashed to provide the amateur host-mode. I'd suggest perhaps a "packet" protocol between the PTC and the computer in order to clearly identify it as "Tx/Rx data" or "commands".

944. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 12:26:29 UTC
From: Sideband <sideband@spam.me.not>
Message-ID: <3AF69475.4904E2B1@spam.me.not>
Source record: 8782
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

I hope the load doesn't bend... That would make it useless to the
receiver, and the shipper might get a little peeved.

::Grin::

-SSB

Bill Sohl wrote:
>
> WHY? Do you believe for one second that the speed
> limits on American highways are realistic? Do they have
> any resemblemce to reality. Is 70 mph across Kansas
> logical when there is visibility to the horizon, light traffic
> and not a bend in the load for miles ahead?
>
> Cheers,
> Bill K2UNK

945. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 12:57:46 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <qWwJ6.7859$g61.521829@e420r-chi1.usenetserver.com>
Source record: 8783

Actually, all Han-Peter needs to do is send the other modes data through the Pactor channel in WA8DED extended host and many of the issues would be solved. You can send all the commands in WA8DED, as well as get status messages.

Rick - W4PC

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message news:tfd288c87gggb9@corp.supernews.com...
> The fantastic new sound card programs certainly demonstrate what kind
> of things can be accomplished with Windows software when it is fully
> integrated with the hardware. I would suggest that the PTC needs a
> "top down" approach at this point. Start with the software user
> interface similar to what is being done with some of the sound card
> programs and then determine what the PTC needs in the way of a host
> mode interface to accomplish that degree of integration. If PTC code
> space is a problem (which I doubt at this point) then you could always
> have a separate firmware load that could be flashed to provide the
> amateur host-mode. I'd suggest perhaps a "packet" protocol between the
> PTC and the computer in order to clearly identify it as "Tx/Rx data"
> or "commands".
>
>
>
>

946. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 15:08:25 UTC
From: Ron in NC <kc4yoy@pop.trellis.net>
Message-ID: <01c0d707$57798ae0$a54c96d0@ron>
Source record: 8785
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

WOULD SOMEONE PLEASE TELL ME WHAT ALL
THIS HAS TO DO WITH AMATEUR RADIO
BOATANCHORS?

PLEASE STOP THIS CRAP......

Ron, KC4YOY

947. PLEASE CHANGE THE HEADER WHEN CHANGING TOPICS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 15:08:38 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3AF6BA74.72EA7D4@ix.netcom.com>
Source record: 8784

PLEASE CHANGE THE HEADER WHEN CHANGING TOPICS
I opened up several posts today and the topic dicussed had nothing to do
with the header.
AND neither the header or the topic had anything to do with digital.

Come on folks - lets respect the Use Group Guide Lines at URL:
http://faqs.jmas.co.jp/FAQs/radio/personal-intro

AND FOR CRIPES SAKES __ CHANGE THE HEADER WHEN YOU CHANGE TOPICS.
I just read one with a header of "freebander" nonsense and it was
discussing FM Quieting!!!

--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!

948. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 16:50:39 UTC
From: dinod@deltanet.com
Message-ID: <znAJ6.38211$2U.15590858@news2.rdc2.tx.home.com>
Source record: 8786

If Interflex made software for the SCS, I'd buy it! Its probably the best
HOST MODE software out there today!

Dino

>I would like to see SCS expand the host mode to support RTTY, PSK31 etc.
>Then we might see some nice host mode programs for the PTC II.
>
>Rob

949. Re: Getting Started in Packet - TNC Recommendations

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 16:58:34 UTC
From: dinod@deltanet.com
Message-ID: <_uAJ6.38234$2U.15603533@news2.rdc2.tx.home.com>
Source record: 8787

The only RIGHT way to do Packet on 2-meters is with a real TNC. I've done the gammit and let me save you alot of time!

I highly recommend the Kantronics KPC-3! You can find them on e-bay all the time! The newer KPC3+ is also nice and only a little more expensive.

When I used to run the "Monday Night Packet Voice Bet" in Southern California, we would get questional all the time about "how to get the BayPac working right". We would tell them to buy a real TNC.

The other advantage to having a TNC is the ability to have a mailbox without having the computer on.

Take my word on this...get a real TNC. Then do the next best thing, and get a Kantronics TNC! You won't be sorry!

Dino

>Hello All!
>
>I want to get started in local packet on 2 meters, but don't want to spend
>too much money just trying it out. I was looking at both the BayPac BP-2
>and the Rigblaster Nomic as an entry point. Both seem to get good reviews,
>but I was leaning towards the Nomic since it'll work with Win98 software
>(the Tigertronics BayPac website clearly states that the BayPac needs to
>work in DOS only mode). I'd like recommendations from all the packet Elmers
>out there on the merits/downfalls of each.
>
>Thanks in advance!
>
>73
>Brian
>KC5YNP
>
>

950. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 16:58:44 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <EvAJ6.25629$TW.120625@tor-nn1.netcom.ca>
Source record: 8788

I agree! I don't think that it would be very difficult to implement. In my view, the main reason why we have NOT seen many HOSTMODE programs for the PTC II is the lack of HOSTMODE support for the other modes. It is a real pain to switch back and forth between TERM 5 and hostmode.

I am also disappointed that the regular ham radio firmware does NOT implement hardware flow control. Almost EVERY other ham radio modem does but not the PTC II. (Yes you can get it with the professional firmware version but only in the HAYES mode for PACTOR only!)

Apparently, the amateur radio firmware only implements XON/OFF software flow control but I can't seem to get it to work. Whenever I send a large file to be sent in RTTY for example, characters always get lost! (Yes my terminal software is set for software flow control and it works with other TNC's!). I must send bits of a file at a time to the PTC II. A real pain!!

If hostmode was implemented for ALL modes you would not have to worry about this problem! WA8DED host mode uses polling.

At the moment, is there a simple solution to my flow control "lost characters" problem (besides implementing delay loops)??

73's
Rob.

"Rick Ruhl" <ricker@cssincorp.com> wrote in message
news:qWwJ6.7859$g61.521829@e420r-chi1.usenetserver.com...
> Actually, all Han-Peter needs to do is send the other modes data through
the
> Pactor channel in WA8DED extended host and many of the issues would be
> solved. You can send all the commands in WA8DED, as well as get status
> messages.
>
> Rick - W4PC
>
> "Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
> news:tfd288c87gggb9@corp.supernews.com...
> > The fantastic new sound card programs certainly demonstrate what kind
> > of things can be accomplished with Windows software when it is fully
> > integrated with the hardware. I would suggest that the PTC needs a
> > "top down" approach at this point. Start with the software user
> > interface similar to what is being done with some of the sound card
> > programs and then determine what the PTC needs in the way of a host
> > mode interface to accomplish that degree of integration. If PTC code
> > space is a problem (which I doubt at this point) then you could always

> > have a separate firmware load that could be flashed to provide the
> > amateur host-mode. I'd suggest perhaps a "packet" protocol between the
> > PTC and the computer in order to clearly identify it as "Tx/Rx data"
> > or "commands".
> >
> >
> >
> >
>
>
>

951. Re: Getting Started in Packet - TNC Recommendations

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 17:47:42 UTC
From: mogens9181@aol.com
Message-ID: <20010507134742.10887.00001254@ng-da1.aol.com>
Source record: 8789

I have used the PK-232 for a number of years now and find that the dual ports are well worth considering. My Kantronics (three) are all packed away.

C. Jespersen
K2OG

952. FT767GX Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 20:44:20 UTC
From: N4RPK <mailliw@peoplepc.com>
Message-ID: <tfe29gevrqdae@corp.supernews.com>
Source record: 8790

Is there digital software out there that will interface with the FT767GX CAT control? Most of what I find works on the newer stuff but I know someone out there is running a 767 for digital operation. What do you use?

--
Bob Moughton
N4RPK
mailliw@peoplepc.com

953. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 21:56:56 UTC
From: Ian Jackson <ianjackson@g3ohx.demon.co.uk>
Message-ID: <sSP7ZFAoox96Ews4@g3ohx.demon.co.uk>
Source record: 8791
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

In article <ktjcft8ni9nqv9252pdggfjdkq2k6sn4hr@4ax.com>, Walt Davidson <walt@f1racing.co.uk> writes
>On Mon, 07 May 2001 01:05:50 GMT, billsohl@mindspring.com (Bill Sohl)
>wrote:
>
>>And for most people, they are speeding just staying with
>>the flow of traffic on American highways. Interstae 80 in NJ
>>is 55 for 30 miles before NYC. The AVERAGE flow of traffic
>>is usually 65/70 or higher. Anyone doing 55 is (or should
>>be) in the extreme right lane.
>
>The speed limit on most UK motorways is 70 mph. If you drive at 70
>mph even in the center lane, you have people tailgating you, flashing
>their headlights and sounding their horn. Eventually they will
>overtake you on the wrong side. The average speed on motorways is
>probably 85 mph.
>
>73 de G3NYY
>
If they can overtake you on the wrong side, then you have NO business sitting in the middle lane. There are no 'slow' and 'fast' lanes on British motorways. The Rule of the Road applies - you 'drive on the left and overtake on the right'. If lane #1 is clear, you should use it, no matter how fast you are going (provided that you are not constantly having to move into lane #2 or #3 to overtake). It is not your job to try and be a policeman, and create an obstruction by driving at the legal limit in the middle of the road.

Anyway, Walt, you used to ride a motorcycle. We car drivers KNOW that motoring laws don't apply to motorcyclists. When did YOU ever stick to the speed limits???
Ian. ;*)

PS
I think that the UK motorway limit should generally be 80mph (but rigourously enforced) but, in built-up areas, as low as 10mph where conditions call for it. Unfortunately, in the UK it is very difficult to put in place a limit of less than 30mph (I think it takes an Act of Parliament, or even an Act of God).

954. Re: Where do used PTC-II's get resold? Responses here please.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 22:31:50 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfe8ipsu7v64d4@corp.supernews.com>
Source record: 8792

The PTC-II Xon/Xoff does work - or did in earlier firmware versions (I can't say that I've actually checked it recently). I think hardware handshaking is easier to implement though.

955. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 23:04:56 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <sSFJ6.38780$2_.13560363@news3.rdc1.on.home.com>
Source record: 8793
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> No it's for revenue enhansment. The cities need the money and most
> cities use "traffic" for generating money as a lot of it isn't paid
> for by residents. GOD help you if you violate in Royal Oak,Mi as they
> have a brand new court bldg that is NOT paid for! Royal Oak police
> allowed a video to be made once and it was broadcast, the sargent is
> giving the beat cops hell so they will PRODUCE more. $$$

Well think of the logistics. The average officer gives out what 10 tickets a day around 75$ a pop. 750$. Now his salary is 240$ a day. He will probably pay 50$ in gas for the touring he does. Administration as well is probably another 100$. So figure after all that he clears 350$. That is being very generous. In bumwad idaho (not an insult just my way of saying nowhere) they proably have 2 cops out per day and chances are they will split those 10 tickets between the two since population is small. Now the police pay 800$ a day for that 750$ income from tickets ... tell me where that makes sense that they do it for the profit ?

956. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 23:07:34 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <WUFJ6.38791$2_.13566909@news3.rdc1.on.home.com>
Source record: 8794
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> Not idiots...just common evryday people that recognize BAD
> law when they see it and act accordingly.

Tell me how its a bad law ? People speed, simple physics will tell you that that increases kinetic energy and momentum thus increasing stopping distances. People already don't leave enough room at the slower speeds and keep the same distances at the faster ones. So not only were they doomed from the start before they started speeding since every accident that could happen with buddy in front would result in them being involved, but, now their stopping distances are even greater and they will impact with a higher velocity.

957. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 23:11:13 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <IYFJ6.38806$2_.13576566@news3.rdc1.on.home.com>
Source record: 8795
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> WHY? Do you believe for one second that the speed
> limits on American highways are realistic? Do they have
> any resemblemce to reality. Is 70 mph across Kansas
> logical when there is visibility to the horizon, light traffic
> and not a bend in the load for miles ahead?

First off its law. You hams don't like those cb'ers breaking the law because of some little arbitrary thing like needing a licence to operate (having the sheet of paper does not make you a better op) but yet you find the "arbitrary" speed laws rediculous? They are there to lower the risk of accidents. Car's do not handle as well at the higher velocities, reaction times are required to be far faster etc etc etc ... They do have engineers and such who do determine hte maximum velocity that is safe on a particular road given its conditions or give it the max of 55 (its 65 now isnt it ?) since that is about what the average driver can safely handle.

958. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-07 23:28:19 UTC
From: sparky@cet.com
Message-ID: <3af72f09.1543502@news.cet.com>
Source record: 8796
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 10:42:49 GMT, billsohl@mindspring.com (Bill Sohl)
wrote:

>On Mon, 07 May 2001 09:16:27 GMT, "Rob St.Denis"
><tstdenis3160@home.com> wrote:
>
>>Just because there are a lot of idiots out there that do it doesn't make it
>>right!
>
>Not idiots...just common evryday people that recognize BAD
>law when they see it and act accordingly.
>
>Cheers,
>Bill K2UNK

Probably the same common, everyday people that recognized a BAD
presidential candidate and voted him into office - twice.

959. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 03:25:13 UTC
From: billsohl@mindspring.com
Message-ID: <3af7666c.2467862@news.mindspring.com>
Source record: 8797
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 23:07:34 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> Not idiots...just common evryday people that recognize BAD
>> law when they see it and act accordingly.
>
>Tell me how its a bad law ? People speed, simple physics will tell you that
>that increases kinetic energy and momentum thus increasing stopping
>distances.

It is bad law because people do not want the government
telling them how to live their lives and to what degree of
risk they can/should afford themselves. No one is mandated
to drive 70 MPH. If you don't want to drive a that speed,
then don't.

>People already don't leave enough room at the slower speeds and
>keep the same distances at the faster ones. So not only were they doomed
>from the start before they started speeding since every accident that could
>happen with buddy in front would result in them being involved, but, now
>their stopping distances are even greater and they will impact with a higher
>velocity.

Sign up with the Naderites then and push for a rollback
of highway speeds if you feel so strongly about it.

Cheers,
Bill K2UNK

960. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 03:26:40 UTC
From: billsohl@mindspring.com
Message-ID: <3af7672b.2658424@news.mindspring.com>
Source record: 8798
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 23:28:19 GMT, sparky@cet.com (Sparky) wrote:

>On Mon, 07 May 2001 10:42:49 GMT, billsohl@mindspring.com (Bill Sohl)
>wrote:
>
>>On Mon, 07 May 2001 09:16:27 GMT, "Rob St.Denis"
>><tstdenis3160@home.com> wrote:
>>
>>>Just because there are a lot of idiots out there that do it doesn't make it
>>>right!
>>
>>Not idiots...just common evryday people that recognize BAD
>>law when they see it and act accordingly.
>>
>>Cheers,
>>Bill K2UNK
>
>Probably the same common, everyday people that recognized a BAD
>presidential candidate and voted him into office - twice.

If you mean Clinton, you sure have that wrong. The safety nazis
love Cintonites because they all want to tell you and me how
we should live our lives.

Cheers,
Bill K2UNK

961. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 03:31:50 UTC
From: billsohl@mindspring.com
Message-ID: <3af767ab.2786570@news.mindspring.com>
Source record: 8799
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 06:58:11 -0400, helmsman <> wrote:

>On Mon, 07 May 2001 10:45:27 GMT, billsohl@mindspring.com (Bill Sohl)
>wrote:
>>
>>WHY? Do you believe for one second that the speed
>>limits on American highways are realistic? Do they have
>>any resemblemce to reality. Is 70 mph across Kansas
>>logical when there is visibility to the horizon, light traffic
>>and not a bend in the load for miles ahead?
>>
>>Cheers,
>>Bill K2UNK
>
>The intrastate highways were engineered for 70 mph even in the city,
>and I do miss the days of "no speed limit zone".

They were engineered for 70 when cars of far less technological
ability as to road handling were the norm. I-70 across Kansas
could easily sustain speeds well over 70 today even though the
road itself was engineered years ago.

>Problem is with fuel
>economy,

Fuel economy is an issue that impacts only ME. It is
none of the gov'ts business if I drive in a manner that
costs me fuel economy.

>doing away with frames,

Actually, todays "frameless" cars are better than those with frames in
the same accident.

>lawyers and millions of idiots who
>can't control there machine at speed.

Few speeding accidents ever involve other cars. Most
accidents are caused by non-speeding factors (alcohol,
reckless driving, etc.).

Cheers,
Bill K2UNK

962. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 03:36:29 UTC
From: billsohl@mindspring.com
Message-ID: <3af768d4.3083405@news.mindspring.com>
Source record: 8800
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Mon, 07 May 2001 23:11:13 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> WHY? Do you believe for one second that the speed
>> limits on American highways are realistic? Do they have
>> any resemblemce to reality. Is 70 mph across Kansas
>> logical when there is visibility to the horizon, light traffic
>> and not a bend in the load for miles ahead?
>
>First off its law. You hams don't like those cb'ers breaking the law
>because of some little arbitrary thing like needing a licence to operate
>(having the sheet of paper does not make you a better op) but yet you find
>the "arbitrary" speed laws rediculous? They are there to lower the risk of
>accidents.

More that they are there to garner revenue.

>Car's do not handle as well at the higher velocities, reaction
>times are required to be far faster etc etc etc ...

If YOU can't handle it, then don't. No one is forcing anyone to
drive 70.

>They do have engineers
>and such who do determine hte maximum velocity that is safe on a particular
>road given its conditions or give it the max of 55

Nope, the national 55 in effect for some 15 years had NOTHING to do
with safety when imposed. Since it has been lifted, highway detaths
per year are STILL dropping.

>(its 65 now isnt it ?)
>since that is about what the average driver can safely handle.

Many states it is now 70 or even 75. In NJ people routinely
drive 70-75 everywhere on the highway...totally ignoring
the posted 55 or 65 limits.

Cheers,
Bill K2UNK

963. Please Help with Noise Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 04:53:20 UTC
From: Bob <kg4ihi@hotmail.com>
Message-ID: <4ZKJ6.9442$4f7.736459@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8701

Hello, I am portable on the 3rd deck of hotel. I have a perth plus vertical antenna on the balcony, have also tried random wire from balcony, the problem I have is when I turn my computer on the noise level on my rig (IC706MKIIG) goes way up around 10 over sometimes 40 over, on every band below 12 meters. 12 and 10 are quiet but anything between 160 and 15 I can't work because of the noise level my computer is putting out.
Here is what I have trouble shot so far. I know the noise is comming in through the antenna and not the rig or the coax. I have grounded to a cold water pipe, the ground hole on the wall socket, a grounding rod into the ground three stories below, but no change in noise level. I can't get any farther away from my antenna.
Any ideas? Thank you for reading this.
73 James KG4IHI

--
Romans 10:13
James A. Crawford, KG4IHI
440 Roberts Ave
NTTC PMB 1417
Pensacola, FL 32511-5151
910-381-2023
email: kg4ihi@yahoo.com

964. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 04:56:17 UTC
From: sparky@cet.com
Message-ID: <3af77b97.372885@news.cet.com>
Source record: 8702
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 03:26:40 GMT, billsohl@mindspring.com (Bill Sohl)
wrote:

>If you mean Clinton, you sure have that wrong. The safety nazis
>love Cintonites because they all want to tell you and me how
>we should live our lives.
>
>Cheers,
>Bill K2UNK

Attack the example or address the issue: ad populum is still a logical
fallacy.

965. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 10:07:28 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <AzPJ6.43771$2_.15204332@news3.rdc1.on.home.com>
Source record: 8703
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> It is bad law because people do not want the government
> telling them how to live their lives and to what degree of
> risk they can/should afford themselves. No one is mandated
> to drive 70 MPH. If you don't want to drive a that speed,
> then don't.

Still doesn't stop that idiot who is going to end up losing control of his car because he feels he should drive whatever speed he wants (since there wouldn't be any limit for him to abide by) and then crashing into my car. See believe it or not, MOST laws are there for the protection of OTHER people, not the offender.

Ya can't drive drunk under law because you are a danger to others, not yourself.

966. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 10:09:43 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <HBPJ6.43783$2_.15205767@news3.rdc1.on.home.com>
Source record: 8704
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> If you mean Clinton, you sure have that wrong. The safety nazis
> love Cintonites because they all want to tell you and me how
> we should live our lives.

The amusing thing is ... the laws you do enjoy are exactly that. You know
like: murder, rape, robbery, assault, stalking, etc etc etc ....

The laws are there because the average person is too stupid to realise just
what is good and what isnt

967. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 10:13:26 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <aFPJ6.43802$2_.15208823@news3.rdc1.on.home.com>
Source record: 8705
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> If YOU can't handle it, then don't. No one is forcing anyone to
> drive 70.

My ability to handle the road is irreevant. Fact is there will be 10 idiots out there that will take full advantage of a no speed limit idea that can't handle the road well at 65 let alone 70+ and end up killing off a great deal of the population ...

> Nope, the national 55 in effect for some 15 years had NOTHING to do
> with safety when imposed. Since it has been lifted, highway detaths
> per year are STILL dropping.

What source did you get that info from?

> Many states it is now 70 or even 75. In NJ people routinely
> drive 70-75 everywhere on the highway...totally ignoring
> the posted 55 or 65 limits.

And New Jersey (Joisey I should say) is a state to model after?

968. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 10:15:46 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <mHPJ6.43814$2_.15210556@news3.rdc1.on.home.com>
Source record: 8706
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post
> You are referring to "top-posting", I assume?

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post

All hale the brit for thinking he is the all mighty internet cop and has
every right to tell people just how they can post

969. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 11:23:12 UTC
From: hamish@cloud.net.au
Message-ID: <AGQJ6.119$25.1308@news1.eburwd1.vic.optushome.com.au>
Source record: 8707
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

In rec.radio.amateur.dx Sparky <sparky@cet.com> wrote:
> Probably the same common, everyday people that recognized a BAD
> presidential candidate and voted him into office - twice.

Unlike George Dubya, who didn't actually get voted in at all?

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

970. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 12:05:02 UTC
From: sparky@cet.com
Message-ID: <3af7df69.8840343@news.cet.com>
Source record: 8708
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 11:23:12 GMT, hamish@cloud.net.au wrote:

>In rec.radio.amateur.dx Sparky <sparky@cet.com> wrote:
>> Probably the same common, everyday people that recognized a BAD
>> presidential candidate and voted him into office - twice.
>
>Unlike George Dubya, who didn't actually get voted in at all?
>
>
>Hamish
>--
>Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

Very true. Few people are aware that he was actually appointed to the
office by a committee of Elvis impersonators. GW was the second
choice, but since Barney declined the offer ....

971. Kantronics Mini-Reader

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 12:23:49 UTC
From: Anthony Fitzgerald <ajfitz@home.com>
Message-ID: <pzRJ6.44469$2_.15352881@news3.rdc1.on.home.com>
Source record: 8709

Hi,

I just picked up a Kantronics Mini-Reader (decodes Morse and RTTY) at the local ham flea market - no documentation. I need information on connections and on general operation.

Any help would be appreciated.

Anthony VE3ZAF

972. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 13:52:21 UTC
From: 2w8ji@akorn.net
Message-ID: <3af7f71a.417187879@news.accessunited.com>
Source record: 8710
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 11:23:12 GMT, hamish@cloud.net.au wrote:

>In rec.radio.amateur.dx Sparky <sparky@cet.com> wrote:
>> Probably the same common, everyday people that recognized a BAD
>> presidential candidate and voted him into office - twice.
>
>Unlike George Dubya, who didn't actually get voted in at all?

Face it, George looks like a monkey and is dumb as snot. As bad as Clinton was, and as slug-like as Gore was, the republicans are so bad they can't honestly win against them. Think about that!!!!

A top republican in Atlanta that was heading the impeach Clinton movement resigned recently because he was caught (a second time) exposing himself in a public park...and soliciting sex from an undercover policeMAN (not police WOman).

Republicans are more likely to have sex with Yasser Araofat and his male camel than women. Like they did with congressional pages.

973. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 14:17:04 UTC
From: K0HB <K0HB@QWEST.NET>
Message-ID: <AdTJ6.6020$vg1.469364@www.newsranger.com>
Source record: 8711
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

In article <3af7f71a.417187879@news.accessunited.com>, Tom W8JI says...

>Face it, George looks like a monkey and is dumb as snot.

Tom,

Duh-bya Shrub is not as dumb as he acts. He couldn't be!

73, Hans, K0HB

974. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 14:32:26 UTC
From: JerryL <jlockett@onemain.com>
Message-ID: <9d8vvv$h0j2k$1@ID-55752.news.dfncis.de>
Source record: 8712
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

How about some technical data proving your claim about republicans not liking to have sex with women? Statements like this cast a 'lot of doubt' about your abilities in other areas, such as electronics etc. I mean this is such obvious bullshit, it makes me wonder if your learned comments on other things might also be bullshit!

And yea, I'm a new republican, got so disgusted with Clinton and company, I changed parties, and I still like women!

I presume you still support Clinton and hold him in high regard. He was such a outstanding example of a President of the United States, wasn't he, ugh! puke! I don't know about you, but I was totally embarassed and ashamed to have him represent us/me to the entire world...!

de Jerry -n6jp-

"Tom W8JI" <2w8ji@akorn.net> wrote in message news:3af7f71a.417187879@news.accessunited.com...
> On Tue, 08 May 2001 11:23:12 GMT, hamish@cloud.net.au wrote:
>
> Republicans are more likely to have sex with Yasser Araofat and his
> male camel than women. Like they did with congressional pages.

975. Re: Kantronics Mini-Reader

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 16:40:25 UTC
From: dinod@deltanet.com
Message-ID: <ZjVJ6.44721$2U.19227536@news2.rdc2.tx.home.com>
Source record: 8713

Try sending the factory an e-mail...

http://www.kantronics.com

Dino

>Hi,
>
>I just picked up a Kantronics Mini-Reader (decodes Morse and RTTY) at the
>local ham flea market - no documentation. I need information on connections
>and on general operation.
>
>Any help would be appreciated.
>
>Anthony VE3ZAF
>
>
>

976. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 18:02:06 UTC
From: twistedhed@webtv.net
Message-ID: <1403-3AF8349E-42@storefull-125.iap.bryant.webtv.net>
Source record: 8714
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

Technical Data:

"JerryL" <jlockett@onemain.com> Group:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb
Subject: Re: Respect For Freebanders Date: Tue, May 8,
2001, 7:32am (EDT-3) X-Trace: fu-berlin.de 989332288 17845332
209.165.2.21 (16 [55752])

And since we are on the subject of headers:

It is time for my monthly disclaimer, in case any newbies have arrived
since Leland's last folly with my nic and email.

.
KC8LDO Leland C. Scott forged the original post, it wasn't me. His
number of aliases and forged posts and emails are staggering, but he
especially likes forging me. Please check the headers. Leland C. Scott,
KC8LDO, and Doug Adair, N8wwm, and their many, MANY aliases are
responsible for ninety five point nine percent of the strife on the
rec.radio.cb ng, and probably on many of your amateur forums as well,
especially lately. A good number of posts appearing with no call signs
have been easily identified as the same forgers in the cb ng.

Thank you all for the replies via email, as most were polite and well
written, as were the many offers to assist me in attaining a ham
license, however, I believe in returning things to their rightful
owners, so any additional correspondence should be directed at the
author of the forged post and troll.

After exposing Leland for forging me over a month ago with the
assistance of another licensed amateur, he has waged a personal vendetta
against me.

He searched the web and found an article I wrote on freebanding for a
hobby magazine over a year ago and has posted it numerous times in an
effort to justify his own behavior towards myself and other cbers. He
draws his own inferences and hurls unfounded accusations and insults.
Leland's main line of defense has always been attack his accuser, no
matter who it may be. If anyone would dare suggest Leland may be wrong,
he has no defense other than to attack about "What you did" and it is
usually a lie (from questioning one's sexual preference to threatening
them).

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I asked Leland and "Sparky" to take whatever personal problem they may have with me to email and I will be glad to debate whatever merit they see fit, but as all will see, these two are more interested in calling names, perpetuating problems between operators and will not cease their childish games....hence the crossposts They don't WANT the strife to go away. I apologize that they feel the need to make you all a part of it, and I was going to ignore most of the emails and what was forged of me, but then the email I received from amateurs was so far from what I expected. Leland forged me and posted that article in a manner to which I would be flamed, and instead, I received email from a great number of amateurs who didn't flame at all.

Quite the opposite, many offered to assist in getting my ticket, and for that I thank you. Turning the tables, if it had been me that were a licensed operator and someone posted an article about freebanding in an amateur format I frequented, I may have been one of the flamers, but as I said, the reaction from amateurs across the land was quite different than what the original author intended. If a post appears to be from me in anything other than the cb ng, please check the headers....if it has any other path than this one, it is a forge. All emails answered. Have a good day.

977. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 18:56:36 UTC
From: sparky@cet.com
Message-ID: <3af83f7e.1183084@news.cet.com>
Source record: 8715
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Tue, 8 May 2001 14:02:06 -0400 (EDT), twistedhed@webtv.net
(Twistedhed) wrote:

<snip incoherent rant>

Who am I this week, twistie? Leland? Dougie? Professor? Griffey? Glen
Sparks? Frank Gilliland? Go away, twit. Everybody is sick and tired of
you and your paranoid delusions.

978. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 19:21:02 UTC
From: 2w8ji@contesting.com
Message-ID: <3af83f94.435744935@news.accessunited.com>
Source record: 8716
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Hi Jerry,

You have poor reading skills OM.

On Tue, 8 May 2001 07:32:26 -0700, "JerryL" <jlockett@onemain.com>
wrote:

>How about some technical data proving your claim about republicans not
>liking to have sex with women?

Never said that. One example is Newt. He had an affair with a female
member of his staff before he resigned..

Here is what I said:

>Republicans are more likely to have sex with Yasser Araofat and his
>male camel than women. Like they did with congressional pages.

>Statements like this cast a 'lot of doubt'
>about your abilities in other areas, such as electronics etc. I mean this
>is such obvious bullshit, it makes me wonder if your learned comments on
>other things might also be bullshit!

What is BS about it?

1.) Bush looks like a monkey

2.) We had a problem in the House and Senate with congressmen and
senators having sex with pages

3.) The Republican heading the "let's get Clinton" group was arrested
TWICE for exposing himself in a park and for soliciting sex with a
male undercover decoy in an Atlanta park

>And yea, I'm a new republican, got so disgusted with Clinton and company, I
>changed parties, and I still like women!

Good for you. We really ought to throw all the bums out.

Before someone whines about Clinton, we should insist he not have an
extramarital affair himself. Before someone heads a crusade to
prosecute someone else for banging a 21 year-old-female and lying
about it, we should make sure he isn't "hanging out" in public parks
trolling for young males.

>I presume you still support Clinton and hold him in high regard. He was such
>a outstanding example of a President of the United States, wasn't he, ugh!

>puke! I don't know about you, but I was totally embarassed and ashamed to
>have him represent us/me to the entire world...!

Frankly, both parties embarass me. I'm ashamed of many of them, and
embarassed that people think either party does not have more than its
fair share of dishonest members and even the occasional pervert.

Why on earth would anyone think that a certain party affiliation means
the people are honest or moral?

We let them all get away with far too much.

Now think about this...it is important. As bad as Gore was...and as
disliked as Clinton was....the best the Republicans could do was Bush.
They fielded a candidate that actually LOST the popular vote to
someone like Gore!!!! Phew!

Embarassing, isn't it?

979. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 20:02:38 UTC
From: JerryL <jlockett@onemain.com>
Message-ID: <9d9jb3$gi7e2$1@ID-55752.news.dfncis.de>
Source record: 8717
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Well I may have 'poor reading skills' but I take issue with you painting all people of a certain grouping with the same paint brush about their sexual perferences...There are wierdo's in any group, but not the whole group, and there is a hellva difference between Joe Blow congressman or anyone else and the President of the United States..No matter what, the President should keep him or herself above reproach in all matters, or at least be decrete about it for crying out loud and then lying about it on the national media, sheesh! To much!!!

As for ....the best the Republicans could do was Bush. They fielded a candidate that actually LOST the popular vote to someone like Gore!!!! Phew!...the last I heard on the evening news was that 'all the big time newspapers' that paid to finish the recount down in Florida, much to their chagrin, finally admitted that Bush won anyhow no matter how Gore and company tried to slant it!! As a note of interest, I didn't vote for either Bush or Gore, my candidate lost out early on....!

de jerry -n6jp-

"Tom W8JI" <2w8ji@contesting.com> wrote in message news:3af83f94.435744935@news.accessunited.com...
> Hi Jerry,
>
> You have poor reading skills OM.
>
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> wrote:
>
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> >liking to have sex with women?
>
> Never said that. One example is Newt. He had an affair with a female
> member of his staff before he resigned..
>
> Here is what I said:
>
> >Republicans are more likely to have sex with Yasser Araofat and his
> >male camel than women. Like they did with congressional pages.
>
> >Statements like this cast a 'lot of doubt'
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> >is such obvious bullshit, it makes me wonder if your learned comments on

> >other things might also be bullshit!
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>
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>
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>
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> TWICE for exposing himself in a park and for soliciting sex with a
> male undercover decoy in an Atlanta park
>
> >And yea, I'm a new republican, got so disgusted with Clinton and company,
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> >changed parties, and I still like women!
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> Before someone whines about Clinton, we should insist he not have an
> extramarital affair himself. Before someone heads a crusade to
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ugh!
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> >have him represent us/me to the entire world...!
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> Frankly, both parties embarass me. I'm ashamed of many of them, and
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> fair share of dishonest members and even the occasional pervert.
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> Why on earth would anyone think that a certain party affiliation means
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> We let them all get away with far too much.
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> Now think about this...it is important. As bad as Gore was...and as
> disliked as Clinton was....the best the Republicans could do was Bush.
> They fielded a candidate that actually LOST the popular vote to
> someone like Gore!!!! Phew!
>
> Embarassing, isn't it?

980. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 21:37:33 UTC
From: Gary Danaher <gdanaher@home.com>
Message-ID: <3AF86719.37E410C6@home.com>
Source record: 8718
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Take a hard look at what Dubya is doing/not doing with the oil companies right now, think back to what he had to say about the oil business during his campaign, and then take a look at the the modern Bush oil pricing structure. Now, aren't you proud to have voted for such a guy? I didn't think he could sell out in such a short order, but I underestimated the fool.

K0HB wrote:

> In article <3af7f71a.417187879@news.accessunited.com>, Tom W8JI says...
>
> >Face it, George looks like a monkey and is dumb as snot.
>
> Tom,
>
> Duh-bya Shrub is not as dumb as he acts. He couldn't be!
>
> 73, Hans, K0HB

981. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 21:58:33 UTC
From: David Edwards <ham@cybercomm.net>
Message-ID: <9d9q3202knr@enews3.newsguy.com>
Source record: 8722
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

How is this of any interest to anyone??

"Twistedhed" <twistedhed@webtv.net> wrote in message
news:1403-3AF8349E-42@storefull-125.iap.bryant.webtv.net...
Technical Data:

"JerryL" <jlockett@onemain.com> Group:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb
Subject: Re: Respect For Freebanders Date: Tue, May 8,
2001, 7:32am (EDT-3) X-Trace: fu-berlin.de 989332288 17845332
209.165.2.21 (16 [55752])

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since Leland's last folly with my nic and email.

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number of aliases and forged posts and emails are staggering, but he
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KC8LDO, and Doug Adair, N8wwm, and their many, MANY aliases are
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982. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 22:42:27 UTC
From: Rough Rider <roughrider@home.com>
Message-ID: <nD_J6.55922$B22.14196297@news1.rdc2.pa.home.com>
Source record: 8719
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

You are correct there Jerry as much as they cried and whined Bush still came out on top after the Newspapers finished counting. Tom by what percentage did Bush lose the popular vote? Pretty miniscual wouldnt you say. Last time I looked this country elects presidents on electroal votes. Since the democrats had dead people voting and convicts perhaps we should have a recount .

"JerryL" <jlockett@onemain.com> wrote in message
news:9d9jb3$gi7e2$1@ID-55752.news.dfncis.de...
> Phew!...the last I heard on the evening news was that 'all the big time
> newspapers' that paid to finish the recount down in Florida, much to their
> chagrin, finally admitted that Bush won anyhow no matter how Gore and
> company tried to slant it!! As a note of

983. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 22:45:41 UTC
From: Rough Rider <roughrider@home.com>
Message-ID: <pG_J6.55923$B22.14197800@news1.rdc2.pa.home.com>
Source record: 8720
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Bill I travel the NJ turnpike in excess of 80 mph daily. And cars still pass me. Then you have the idiot who rides the left lane doing 55-65, and not passing anyone.

"Bill Sohl" <billsohl@mindspring.com> wrote in message news:3af768d4.3083405@news.mindspring.com...
> On Mon, 07 May 2001 23:11:13 GMT, "Rob St.Denis"
> <tstdenis3160@home.com> wrote:
>
> >> WHY? Do you believe for one second that the speed
> >> limits on American highways are realistic? Do they have
> >> any resemblemce to reality. Is 70 mph across Kansas
> >> logical when there is visibility to the horizon, light traffic
> >> and not a bend in the load for miles ahead?
> > >
> > >First off its law. You hams don't like those cb'ers breaking the law
> > >because of some little arbitrary thing like needing a licence to operate
> > >(having the sheet of paper does not make you a better op) but yet you find
> > >the "arbitrary" speed laws rediculous? They are there to lower the risk of
> > >accidents.
> >
> > More that they are there to garner revenue.
> >
> > >Car's do not handle as well at the higher velocities, reaction
> > >times are required to be far faster etc etc etc ...
> >
> > If YOU can't handle it, then don't. No one is forcing anyone to
> > drive 70.
> >
> > >They do have engineers
> > >and such who do determine hte maximum velocity that is safe on a particular
> > >road given its conditions or give it the max of 55
> >
> > Nope, the national 55 in effect for some 15 years had NOTHING to do
> > with safety when imposed. Since it has been lifted, highway detaths
> > per year are STILL dropping.
> >
> > >(its 65 now isnt it ?)
> > >since that is about what the average driver can safely handle.
> >

> Many states it is now 70 or even 75. In NJ people routinely
> drive 70-75 everywhere on the highway...totally ignoring
> the posted 55 or 65 limits.
>
> Cheers,
> Bill K2UNK
>

984. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 22:49:48 UTC
From: Rough Rider <roughrider@home.com>
Message-ID: <gK_J6.55926$B22.14199866@news1.rdc2.pa.home.com>
Source record: 8721
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

No you shouldn't say that, it is New Jersey(Jerzee), perhaps if you knew how to speak correctly you would be able to say the name of the state correctly. Which state do you think we should model? Oh that's right you aren't from the USA, what the hell would you know.
.

"Rob St.Denis" <tstdenis3160@home.com> wrote in message news:aFPJ6.43802$2_.15208823@news3.rdc1.on.home.com...

> And New Jersey (Joisey I should say) is a state to model after?
>
>

985. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 23:04:48 UTC
From: Rough Rider <roughrider@home.com>
Message-ID: <kY_J6.55932$B22.14207967@news1.rdc2.pa.home.com>
Source record: 8723
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy

Pure and simple BS from a known admitted freebander such as yourself twistie. You are a paranoied person who has accused many people of various things with not 1 shred of proof. I forgot you are a Saint and could do no wrong.
"Twistedhed" <twistedhed@webtv.net> wrote in message news:1403-3AF8349E-42@storefull-125.iap.bryant.webtv.net...
Technical Data:

"JerryL" <jlockett@onemain.com> Group: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb
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draws his own inferences and hurls unfounded accusations and insults. Leland's main line of defense has always been attack his accuser, no matter who it may be. If anyone would dare suggest Leland may be wrong, he has no defense other than to attack about "What you did" and it is usually a lie (from questioning one's sexual preference to threatening them).

He has repeatedly accused me and others of pirating on amateur frequencies, and nothing could be further from the truth. I understand how an amateur could feel so strongly as to defend his allocated frequencies, but attacking countless individuals behind phony names, forging people, forging email headers in his posts, throwing accusations left and right and refusal to remove anything personal and not on subject off the ng exemplifies what this particular individual and his two cronies are about. He also reported me to my ISP for "forging" (the gall) and was so certain it was me that he made many posts threatening that I was about to lose my internet service. When he received word it wasn't me from my ISP, this sent him into a rage, as it did when I first exposed him. He has accused me of forging for so long (pot, kettle, black) he now accuses my ISP of "lying" to him. I guess the more Leland decides to forge me in your amateur forums, the more frequent I must point out the error of his ways.

I asked Leland and "Sparky" to take whatever personal problem they may have with me to email and I will be glad to debate whatever merit they see fit, but as all will see, these two are more interested in calling names, perpetuating problems between operators and will not cease their childish games....hence the crossposts They don't WANT the strife to go away. I apologize that they feel the need to make you all a part of it, and I was going to ignore most of the emails and what was forged of me, but then the email I received from amateurs was so far from what I expected. Leland forged me and posted that article in a manner to which I would be flamed, and instead, I received email from a great number of amateurs who didn't flame at all.

Quite the opposite, many offered to assist in getting my ticket, and for that I thank you. Turning the tables, if it had been me that were a licensed operator and someone posted an article about freebanding in an amateur format I frequented, I may have been one of the flamers, but as I said, the reaction from amateurs across the land was quite different than what the original author intended. If a post appears to be from me in anything other than the cb ng, please check the headers....if it has any other path than this one, it is a forge. All emails answered. Have a good day.

986. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 23:15:31 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <n6%J6.47509$2_.16364374@news3.rdc1.on.home.com>
Source record: 8724
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"Rough Rider" <roughrider@home.com> wrote in message
news:gK_J6.55926$B22.14199866@news1.rdc2.pa.home.com...
> No you shouldn't say that, it is New Jersey(Jerzee), perhaps if you knew
how
> to speak correctly you would be able to say the name of the state
correctly.
> Which state do you think we should model? Oh that's right you aren't from
> the USA, what the hell would you know.

Don't need to live there ... spend enough time in the hamptons and driving
to and fro in the upper east states ... And from my experience inahbitants
in NJ do pronounce it Joisey rather than Jersey

987. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-08 23:33:42 UTC
From: Rough Rider <roughrider@home.com>
Message-ID: <qn%J6.55965$B22.14224558@news1.rdc2.pa.home.com>
Source record: 8725
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Thats funny as a lifetime inhabitant I have never heard anyone who lived
here call it that. The only "people" I have heard say it are outsiders such
as yourself who have no clue
and mimic what others say.

"Rob St.Denis" <tstdenis3160@home.com> wrote in message
news:n6%J6.47509$2_.16364374@news3.rdc1.on.home.com...
> "Rough Rider" <roughrider@home.com> wrote in message
> news:gK_J6.55926$B22.14199866@news1.rdc2.pa.home.com...
> > No you shouldn't say that, it is New Jersey(Jerzee), perhaps if you knew
> how
> > to speak correctly you would be able to say the name of the state
> correctly.
> > Which state do you think we should model? Oh that's right you aren't
from
> > the USA, what the hell would you know.
>
> Don't need to live there ... spend enough time in the hamptons and driving
> to and fro in the upper east states ... And from my experience inahbitants
> in NJ do pronounce it Joisey rather than Jersey
>
>

988. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 01:31:23 UTC
From: Chas <wg2a@frontiernet.net>
Message-ID: <9da6iu$j5k$1@node17.cwnet.roc.gblx.net>
Source record: 8726
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Not to mention that most states didn't count their absentee ballots
because they wouldn't change the outcome. Most of those were from our armed
forces that voted almost 3 to 1 in favor of Bush, that could have made up
most of the "popular vote".

"Rough Rider" <roughrider@home.com> wrote in message
news:nD_J6.55922$B22.14196297@news1.rdc2.pa.home.com...
> You are correct there Jerry as much as they cried and whined Bush still
came
> out on top after the Newspapers finished counting. Tom by what percentage
> did Bush lose the popular vote? Pretty miniscual wouldnt you say. Last
time
> I looked this country elects presidents on electroal votes. Since the
> democrats had dead people voting and convicts perhaps we should have a
> recount .
>
>
> "JerryL" <jlockett@onemain.com> wrote in message
> news:9d9jb3$gi7e2$1@ID-55752.news.dfncis.de...
> > Phew!...the last I heard on the evening news was that 'all the big time
> > newspapers' that paid to finish the recount down in Florida, much to
their
> > chagrin, finally admitted that Bush won anyhow no matter how Gore and
> > company tried to slant it!! As a note of
>
>

989. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 02:12:18 UTC
From: 2w8ji@contesting.com
Message-ID: <3af8a59e.461871406@news.accessunited.com>
Source record: 8727
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 22:42:27 GMT, "Rough Rider" <roughrider@home.com>
wrote:

>You are correct there Jerry as much as they cried and whined Bush still came
>out on top after the Newspapers finished counting. Tom by what percentage
>did Bush lose the popular vote? Pretty miniscual wouldnt you say. Last time
>I looked this country elects presidents on electroal votes. Since the
>democrats had dead people voting and convicts perhaps we should have a
>recount .

Some of us may not like hearing it, but that's how it is. I guess it
will take a tie with Jessie Jackson before people wise up and field
better choices.

990. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 02:27:14 UTC
From: 2w8ji@contesting.com
Message-ID: <3af8a755.462310443@news.accessunited.com>
Source record: 8728
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 8 May 2001 21:31:23 -0400, "Chas" <wg2a@frontiernet.net>
wrote:

> Not to mention that most states didn't count their absentee ballots
>because they wouldn't change the outcome. Most of those were from our armed
>forces that voted almost 3 to 1 in favor of Bush, that could have made up
>most of the "popular vote".

I'm embarassed at the quality of candidates we get with this system. I
can't understand why some people feel good about barely squeeking past
Gore, like that is a major accomplishment!

We are lucky Jesse Jackson didn't run, he would have probably won.

991. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 02:54:36 UTC
From: J Frank Fields <Frank.Fields@boeing.com>
Message-ID: <Mj2K6.48046$2U.20551467@news2.rdc2.tx.home.com>
Source record: 8729
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

I don't want to see this point go unchallenged. The vote
in each state is completely tabulated. To say otherwise is
supreme ignorance. Every vote was counted, and was
submitted. It is a fact that Gore won the popular vote, but
it is also true that this is immaterial to winning the Presidency.

Americans do not vote directly for President. They vote for
Electors. The candidate with the most Electors wins. The
popular vote is an interesting count, but has no bearing on
the Presidential election. It is equal in importance, to the
count of voters complaining of constipation, in relation to
those who have syphilis.

Finally, Bush won the Republican party because he had the
most money. There were other good candidates, but Americans
froze them out of the process by not contributing to their
campaign. Both parties received a fraction of the total votes
possible. More than 50% of voting age Americans never went
to the polls. These same 50% always whine about the result.

"Tom W8JI" <2w8ji@contesting.com> wrote
> "Chas" <wg2a@frontiernet.net> wrote:
>
> > Not to mention that most states didn't count their absentee ballots
> >because they wouldn't change the outcome. Most of those were from our armed
> >forces that voted almost 3 to 1 in favor of Bush, that could have made up
> >most of the "popular vote".
>
> I'm embarassed at the quality of candidates we get with this system. I
> can't understand why some people feel good about barely squeeking past
> Gore, like that is a major accomplishment!
>
> We are lucky Jesse Jackson didn't run, he would have probably won.

992. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 02:59:11 UTC
From: JerryL <jlockett@onemain.com>
Message-ID: <9dabo4$ha7ga$1@ID-55752.news.dfncis.de>
Source record: 8730
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Yawn....this whole line is a bore... you win Tom, have a nice life with old blow-job BillC!!! I'm gone...!!!

de Jerry -n6jp-

>Your sense of humor sucks as bad as you sense of perspective.
You need to get a life away from thinking Republicans are better
than anyone else..or more moral.

Although it was intended as sarcastic humor, you must be aware
the Republican in Atlanta heading the "crusade" to get Clinton
disbarred for having sex (or whatever) has resigned because he
was caught a second time exposing himself in a public park and
soliciting a young male undercover cop for sex.

Where is Newt? Gone, because he was poking a woman on his
staff.

Frankly, Republicans and Democrats are both very poor examples
of what out public servants should be like. Now go away and stop
bothering me with this silly "Republicans are moral" crap. You can
pretend whatever you like, but don't fault me if you don't like the
>facts.

>73, Tom W8JI
>W8JI@contesting.com

"Tom W8JI" <2w8ji@contesting.com> wrote in message
news:3af8a59e.461871406@news.accessunited.com...
> On Tue, 08 May 2001 22:42:27 GMT, "Rough Rider" <roughrider@home.com>
> wrote:
>
> >You are correct there Jerry as much as they cried and whined Bush still
came
> >out on top after the Newspapers finished counting. Tom by what percentage
> >did Bush lose the popular vote? Pretty miniscual wouldnt you say. Last
time
> >I looked this country elects presidents on electroal votes. Since the
> >democrats had dead people voting and convicts perhaps we should have a
> >recount .
>
> Some of us may not like hearing it, but that's how it is. I guess it
> will take a tie with Jessie Jackson before people wise up and field
> better choices.

993. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 03:17:37 UTC
From: Clif Holland <radio.service@verizon.net>
Message-ID: <lF2K6.4138$tv4.527141@paloalto-snr1.gtei.net>
Source record: 8731
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Check the states final tallies. Bush won the Popular vote but did not get a majority (over 50%)

--
Clif

"J Frank Fields" <Frank.Fields@boeing.com> wrote in message news:Mj2K6.48046$2U.20551467@news2.rdc2.tx.home.com...
> I don't want to see this point go unchallenged. The vote
> in each state is completely tabulated. To say otherwise is
> supreme ignorance. Every vote was counted, and was
> submitted. It is a fact that Gore won the popular vote, but
> it is also true that this is immaterial to winning the Presidency.
>
> Americans do not vote directly for President. They vote for
> Electors. The candidate with the most Electors wins. The
> popular vote is an interesting count, but has no bearing on
> the Presidential election. It is equal in importance, to the
> count of voters complaining of constipation, in relation to
> those who have syphilis.
>
> Finally, Bush won the Republican party because he had the
> most money. There were other good candidates, but Americans
> froze them out of the process by not contributing to their
> campaign. Both parties received a fraction of the total votes
> possible. More than 50% of voting age Americans never went
> to the polls. These same 50% always whine about the result.
>
> "Tom W8JI" <2w8ji@contesting.com> wrote
> > "Chas" <wg2a@frontiernet.net> wrote:
> >
> > > Not to mention that most states didn't count their absentee ballots
> > >because they wouldn't change the outcome. Most of those were from our armed
> > >forces that voted almost 3 to 1 in favor of Bush, that could have made up
> > >most of the "popular vote".
> >
> > I'm embarassed at the quality of candidates we get with this system. I
> > can't understand why some people feel good about barely squeeking past
> > Gore, like that is a major accomplishment!
> >
> > We are lucky Jesse Jackson didn't run, he would have probably won.

>
>

994. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 03:26:15 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <9dadcnirm0@208.207.71.137>
Source record: 8732
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Gary Danaher wrote:
>
> Take a hard look at what Dubya is doing/not doing with the oil companies
> right now, think back to what he had to say about the oil business during
> his campaign, and then take a look at the the modern Bush oil pricing
> structure. Now, aren't you proud to have voted for such a guy? I didn't
> think he could sell out in such a short order, but I underestimated the
> fool.
>

Oh, it wasn't up to him. It's just that his "friends" in the oil business know that he'll never use price caps nor controls. They couldn't care less that the extortionary oil price increases will be cause of Bush being evicted in four years. No matter- their additional billions will already be banked and Bush will be fully expendible and ousted at the polls, the economy trashed by universal inflation caused by the fuel price increases which impact *everything*.
So in the midst of record high profits by oil companies, and no sign of anything approaching a REAL shortage of petroleum products, just that allegation by those making the profits, prices rise to record levels (by collusion, no doubt). Nary an 'Out of gas" nor "limited to 10 gallon" sign to be seen (as in '73 when there was a REAL shortage).
Just today, radio news sources "within the oil industry" say that now the pipelines are again full, the 'shortage' is abating, so prices should start to come down, "Except on the West Coast and Midwest where there are special circumstances".(?) Of course, "down" will be somewhere around $1.50-1.75, which was exactly the objective of the entire exercise- get the prices up without just raising them "arbitrarily". (gotta have a 'valid' reason.) Fools that the pubic are, they'll never know what happened.

Sure wish we had a real political party in this good ol' USA. The Demoncrats turned out to be fools and the other side, crooks. Oh, the Clintoon admin. was able to work it both ways.

995. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 03:54:26 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <9daf1iojs0@208.207.71.137>
Source record: 8733
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

J Frank Fields wrote:
>
> I don't want to see this point go unchallenged. The vote
> in each state is completely tabulated. To say otherwise is
> supreme ignorance.

Or maybe the reverse. News reports (not generally reported by the liberal part of the media who almost universally supported Gore) say that millions of absentee ballots were NOT counted, ever, some 3 million in California alone, simply because they could not affect the outcome in the state in which they were cast. Absentees historically favor conservative candidates. So it could easily be that the popular vote is never going to be known accurately.

And you may ignore another fact, if you wish, but I live in a state where the Democratic machine routinely steals elections in metropolitian areas, and gets away with it. So it happened this time, too, with plenty pf press coverage that wss unavoidable under the circumstances, and do you *really* believe that the Democratic administration installed by that fact will proceed to do a proper job of investigating?

996. Re: Please Help with Noise Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 04:08:12 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3AF8C266.68B57001@att.net>
Source record: 8734

I would try to operate the radio with the computer turned off. Years ago,
we used to do that all the time. Worked great . . .but a little tough on
the digital modes.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bob wrote:
>
> Hello, I am portable on the 3rd deck of hotel. I have a perth plus vertical
> antenna on the balcony, have also tried random wire from balcony, the
> problem I have is when I turn my computer on the noise level on my rig
> (IC706MKIIG) goes way up around 10 over sometimes 40 over, on every band
> below 12 meters. 12 and 10 are quiet but anything between 160 and 15 I
> can't work because of the noise level my computer is putting out.
> Here is what I have trouble shot so far. I know the noise is comming in
> through the antenna and not the rig or the coax. I have grounded to a cold
> water pipe, the ground hole on the wall socket, a grounding rod into the
> ground three stories below, but no change in noise level. I can't get any
> farther away from my antenna.
> Any ideas? Thank you for reading this.
> 73 James KG4IHI

997. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 04:33:07 UTC
From: k9uwa@arrl.net
Message-ID: <9daha3$phl@freepress.concentric.net>
Source record: 8735
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

In article <9daf1iojs0@208.207.71.137>, dixie@townsqr.com says...
>but I live in a state
>where the Democratic machine routinely steals elections in metropolitian
>areas, and gets away with it.

Direct Quote from "Mayor Daley" ...Vote Early and Vote Often!
John k9uwa

998. Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 06:28:17 UTC
From: David Keenan <dckeenan@san.rr.com>
Message-ID: <5s5K6.2442$TI2.1829955@typhoon.san.rr.com>
Source record: 8736

I've been lurking and doing searches, and downloaded several programs
to monitor packet radio through the sound card (DSP) but what I'm really
after is if there is some simple coding (VB5 preferably) where I can 'read'
the card directly, so that I can try the rest (displaying the waves on an
'oscilloscope' and applying octet decoding and such) myself. All that I
could find in the 'help' menu about sound cards is how to record to WAV
files, but not seeing real-time samples in numbers that I can put into
arrays
for processing.

999. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 07:53:27 UTC
From: magne@clustra.com
Message-ID: <m366fbrma0.fsf@clustra.com>
Source record: 8737

"David Keenan" <dckeenan@san.rr.com> writes:

> I've been lurking and doing searches, and downloaded several programs
> to monitor packet radio through the sound card (DSP) but what I'm really
> after is if there is some simple coding (VB5 preferably) where I can 'read'
> the card directly, so that I can try the rest (displaying the waves on an
> 'oscilloscope' and applying octet decoding and such) myself. All that I
> could find in the 'help' menu about sound cards is how to record to WAV
> files, but not seeing real-time samples in numbers that I can put into
> arrays
> for processing.

Since you mention VB5, I guess it's for win32-platform?

I would recommend that you checked out the DirectSound interface
(check the libraries at msdn.microsoft.com for details)

What you do is something along these lines:

1. setup sample-rate, resolution etc.
2. Enter a loop
3. request a buffer of samples from the sound driver
4. do your maths and graphics
5. goto 2

You would probably like to do the sampling asynchronusly,
so that a new set of samples can be acquired while you're
doing your processing and displaying. IIRC, you can set
up a callback function that DirectSound will call whenever
a new buffer is ready.

--Magne / la1bfa

1000. FT 736 Data Port

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 12:45:38 UTC
From: Huw Weatherhead <huw@lucent.com>
Message-ID: <9dbe5i$fbk@ssbunews.ih.lucent.com>
Source record: 8739

All,
I'm trying to connect a KPC3+ to the data port on the back of my FT736, the TNC is receiving audio fine. but how does the TNC make the 736 switch to Tx:? the Data port is just three pin, data out data in & Ground. I'm sure somebody can help me here.
Thanks
Huw
G7CNP

1001. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 12:55:03 UTC
From: billsohl@mindspring.com
Message-ID: <3af93d7d.2720046@news.mindspring.com>
Source record: 8738
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 10:07:28 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> It is bad law because people do not want the government
>> telling them how to live their lives and to what degree of
>> risk they can/should afford themselves. No one is mandated
>> to drive 70 MPH. If you don't want to drive a that speed,
>> then don't.
>
>Still doesn't stop that idiot who is going to end up losing control of his
>car because he feels he should drive whatever speed he wants (since there
>wouldn't be any limit for him to abide by) and then crashing into my car.
>See believe it or not, MOST laws are there for the protection of OTHER
>people, not the offender.
>
>Ya can't drive drunk under law because you are a danger to others, not
>yourself.

I have no problem with DWI laws. I do have problems where
speed limits are set lower than anyone rationally drives. I have
never suggested allowing unlimited speeds...although there
are certainly highways in the west that can and have had
only "reasonable and proper" as the limit.

The problem is that the safety nazis want everyone to abide by
their version of what is or should be safe. None of that
crowd trusts anyone as an individual.

Cheers,
Bill K2UNK

1002. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 12:56:59 UTC
From: billsohl@mindspring.com
Message-ID: <3af93e4c.2927339@news.mindspring.com>
Source record: 8740
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

On Tue, 08 May 2001 10:09:43 GMT, "Rob St.Denis"
<tstdenis3160@home.com> wrote:

>> If you mean Clinton, you sure have that wrong. The safety nazis
>> love Cintonites because they all want to tell you and me how
>> we should live our lives.
>
>The amusing thing is ... the laws you do enjoy are exactly that. You know
>like: murder, rape, robbery, assault, stalking, etc etc etc ....
>
>The laws are there because the average person is too stupid to realise just
>what is good and what isnt

That statement alone tells me you are very pro-government and
have little or no respect for individual responsibility unless it is
"enforced" by government. Pretty sad.

Cheers,
Bill K2UNK

1003. Re: Soundcard Packet on 2400

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 13:00:05 UTC
From: Dan Richardson <k6mhe@arrl.net>
Message-ID: <tifift410thhn2daltdfntcpo0484j97nl@4ax.com>
Source record: 8744

Ken,

You didn't mention the computer set up but assuming that you are using
a conventional set up. I suggest that the vast majority of you noise
is coming from the monitor. That's easy to check just turn the monitor
off with everything else running.

That was the problem I had and the only good fix I found was to
replace the monitor with a LCD. Now using the LCD flat screen monitor
I can not tell any difference receiving if the computer is on or off.
A rather expensive solution I agree but it does work. Anyway sure
worked for me.

73
Danny

On Mon, 7 May 2001 08:26:14 +1000, "Ken Duncanson"
<duncos@ozemail.com.au> wrote:

>Our local BBS ops here in Townsville are using MFJ modems running at 2400.
>Does anyone know of a soundcard packet program which will talk to an MFJ
>modem on 2400 baud. According to the MFJ factory the tones are the same as
>1200 baud i.e. 1200/2200 afsk. I have tried AGWPE, Flexnet Soundmodem and
>MixW. None o f these will decode packets from these 2400 baud BBS stations.
>My setup works fine on 1200 baud so I doubt there is a problem there. Any
>suggestions?
>
>Ken VK4JUD
>

1004. Re: FT 736 Data Port

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 13:09:24 UTC
From: Gerald Schmitt <KK5YY@arrl.net>
Message-ID: <32giftkl2upom2o1ed9nbp9db3c18mitvk@4ax.com>
Source record: 8741

On Wed, 9 May 2001 13:45:38 +0100, "Huw Weatherhead" <huw@lucent.com>
wrote:

>All,
> I'm trying to connect a KPC3+ to the data port on the back of my FT736,
>the TNC is receiving audio fine. but how does the TNC make the 736 switch to
>Tx:? the Data port is just three pin, data out data in & Ground. I'm sure
>somebody can help me here.
>Thanks
> Huw
> G7CNP
>

From the DB9 you have data TX data RX and ground on the 3.5mm stereo
plug and a seperate PTT cable with an RCA audio connector.

1005. Re: FT 736 Data Port

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 13:20:14 UTC
From: Huw Weatherhead <huw@lucent.com>
Message-ID: <9dbg6e$fle@ssbunews.ih.lucent.com>
Source record: 8743

Many Thanks for the information, I assume its pin 3 on the DB9 and the TNC grounds this to transmit?

Huw

"Gerald Schmitt" <KK5YY@arrl.net> wrote in message news:32giftkl2upom2o1ed9nbp9db3c18mitvk@4ax.com...
> On Wed, 9 May 2001 13:45:38 +0100, "Huw Weatherhead" <huw@lucent.com>
> wrote:
>
> >All,
> > I'm trying to connect a KPC3+ to the data port on the back of my FT736,
> >the TNC is receiving audio fine. but how does the TNC make the 736 switch to
> >Tx:? the Data port is just three pin, data out data in & Ground. I'm sure
> >somebody can help me here.
> >Thanks
> > Huw
> > G7CNP
> >
>
> From the DB9 you have data TX data RX and ground on the 3.5mm stereo
> plug and a seperate PTT cable with an RCA audio connector.
>

1006. Re: Please Help with Noise Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 13:20:37 UTC
From: John Passaneau <jxp16@psu.edu>
Message-ID: <9dbg6o$mdu@r02n01.cac.psu.edu>
Source record: 8742

Hi

I found in my station, that the monitor was causing most of my noise from the computer.
Try booting your computer up and then just turn off the monitor. The computer will not know it's not on and if most or all of the noise goes away, then you know what you will need to do, get a new monitor.

I bought a NEC 17" monitor, (cost about $260) and it has no detectable noise at all. My old monitor was a Dell VS15. The better monitors seem to be quieter than the cheap things that come with the computers.

Also you might try grounding the case of the computer to the radio, and put ferrite chokes on ALL the lines that come in or out of the computer. Especially the keyboard. Many people forget the keyboard has a simple computer in it too.

Anyway I wouldn't be surprised if most of the noise is coming from the monitor.

--
John Passaneau
Penn State University, State College Pa.
W3JXP
w3jxp@arrl.net

"George, W5YR" <w5yr@att.net> wrote in message
news:3AF8C266.68B57001@att.net...
> I would try to operate the radio with the computer turned off. Years ago,
> we used to do that all the time. Worked great . . .but a little tough on
> the digital modes.
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
> Bob wrote:
> >
> > Hello, I am portable on the 3rd deck of hotel. I have a perth plus
vertical
> > antenna on the balcony, have also tried random wire from balcony, the
> > problem I have is when I turn my computer on the noise level on my rig
> > (IC706MKIIG) goes way up around 10 over sometimes 40 over, on every band
> > below 12 meters. 12 and 10 are quiet but anything between 160 and 15 I

> > can't work because of the noise level my computer is putting out.
> > Here is what I have trouble shot so far. I know the noise is
comming in
> > through the antenna and not the rig or the coax. I have grounded to a
cold
> > water pipe, the ground hole on the wall socket, a grounding rod into the
> > ground three stories below, but no change in noise level. I can't get
any
> > farther away from my antenna.
> > Any ideas? Thank you for reading this.
> > 73 James KG4IHI

1007. FS : Wavecom W40PC multimode decoder

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 20:50:52 UTC
From: Michel <mtti@wanadoo.fr>
Message-ID: <9dcasa$7cb$1@wanadoo.fr>
Source record: 8745

900 $

infos : www.wavecom.ch

1008. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 22:27:28 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <kvjK6.53382$2_.18867936@news3.rdc1.on.home.com>
Source record: 8746
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> The problem is that the safety nazis want everyone to abide by
> their version of what is or should be safe. None of that
> crowd trusts anyone as an individual.

That is because the rules are made for the masses not the individual. I doubtr any law says Mike Smith of Nowheresville can drive this speed And Betty Sue Timmins of Godknowswhere can drive this speed.

1009. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 22:29:52 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <AxjK6.53387$2_.18872602@news3.rdc1.on.home.com>
Source record: 8747
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> That statement alone tells me you are very pro-government and
> have little or no respect for individual responsibility unless it is
> "enforced" by government. Pretty sad.

First thing ... we elect the gov't so why not trust them to some extent?

Next, when you consider people still do stupid things regardless of there being laws there, what do you think would happen if they are not?

1010. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-09 23:02:56 UTC
From: W4NTI <w4nti@nospammindspring.com>
Message-ID: <9dci9s$ri2$1@slb4.atl.mindspring.net>
Source record: 8748
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Well....there is one thing about it.....Ya just cain't fisk stupid.

Dan/W4NTI
"Rob St.Denis" <tstdenis3160@home.com> wrote in message
news:AxjK6.53387$2_.18872602@news3.rdc1.on.home.com...
> > That statement alone tells me you are very pro-government and
> > have little or no respect for individual responsibility unless it is
> > "enforced" by government. Pretty sad.
>
> First thing ... we elect the gov't so why not trust them to some extent?
>
> Next, when you consider people still do stupid things regardless of there
> being laws there, what do you think would happen if they are not?
>
>

1011. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 02:51:19 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <3afa0252$0$42883$1dc6e903@news.corecomm.net>
Source record: 8749
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

"John Goller, K9UWA" wrote:
>
> In article <9daf1iojs0@208.207.71.137>, dixie@townsqr.com says...
> >but I live in a state
> >where the Democratic machine routinely steals elections in metropolitian
> >areas, and gets away with it.
>
> Direct Quote from "Mayor Daley" ...Vote Early and Vote Often!
> John k9uwa
And stop by the cemetery on your way to the poles...

Dave WD9BDZ

1012. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 03:51:56 UTC
From: David Keenan <dckeenan@san.rr.com>
Message-ID: <wfoK6.3049$Tl2.2141196@typhoon.san.rr.com>
Source record: 8750

"Magne M&#65533;hre" <magne@clustra.com> wrote in message
news:m366fbrma0.fsf@clustra.com...
> "David Keenan" <dckeenan@san.rr.com> writes:
>
> > I've been lurking and doing searches, and downloaded several programs
> > to monitor packet radio through the sound card (DSP) ... All that I
> > could find in the 'help' menu about sound cards is how to record to WAV
> > files, but not seeing real-time samples in numbers that I can put into
> > arrays
> > for processing.
>
> Since you mention VB5, I guess it's for win32-platform?
>
exactly -- WinME
>
> I would recommend that you checked out the DirectSound interface
> (check the libraries at msdn.microsoft.com for details)
>
I'm looking through and will peruse them -- thanks!
>
> What you do is something along these lines:
>
> 1. setup sample-rate, resolution etc.
> 2. Enter a loop
> 3. request a buffer of samples from the sound driver
> 4. do your maths and graphics
> 5. goto 2
>
Pretty much nailed it -- I was thinking of more like:
1. Setup, including look-up table for screen coordinates
2. Loop
3. Read Card
4. Enter byte into array and increment array counter
5. Display pixel at (Time,Amplitude)
6. Goto 2 unless key/mouse clicked
7. Do maths for 'presentation' and reading octets

```
I figure that steps 3, 4, and 5 shouldn't be too long in cycles, especially
with
a lookup table with the trig and such 'spoon-fed'. 5 could be dropped if
the
sample rate gets too bogged down, though.
>
> You would probably like to do the sampling asynchronusly,
```

> so that a new set of samples can be acquired while you're
> doing your processing and displaying. IIRC, you can set
> up a callback function that DirectSound will call whenever
> a new buffer is ready.
>
> --Magne / la1bfa

1013. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 07:58:58 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9fkii2.b94.nomail@linux.pe1chl.ampr.org>
Source record: 8601

David Keenan <dckeenan@san.rr.com> wrote:
>> What you do is something along these lines:

>> 1. setup sample-rate, resolution etc.
>> 2. Enter a loop
>> 3. request a buffer of samples from the sound driver
>> 4. do your maths and graphics
>> 5. goto 2

>Pretty much nailed it -- I was thinking of more like:
>1. Setup, including look-up table for screen coordinates
>2. Loop
>3. Read Card
>4. Enter byte into array and increment array counter
>5. Display pixel at (Time,Amplitude)
>6. Goto 2 unless key/mouse clicked
>7. Do maths for 'presentation' and reading octets

Of course you are normally not going to put the raw sample from the
card into an on-screen array, for any useful purpose except maybe a
first contact with this matter.

Normally you will need to do demodulation, and that involves processing
of a series of samples, possibly a sliding window across the incoming
samples. It will involve filtering (e.g. using a FIR or IIR filter),
often some form of phase lock, etc.

What is often seen in programs is that there is a piece of code that
handles the buffers with samples as they come in, and does the demodulation
part of the job. That part will put the demodulated bits in some form of
pipeline for the presentation part of the program to handle it. Then
the demodulation (which is kind of real-time) is decoupled from the
presentation (which is often tied quite closely to the user interface).

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1014. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 11:21:21 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <3AFA79B1.5D5C@worldlynx.net>
Source record: 8602
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Bill Sohl wrote:
>
> On Tue, 08 May 2001 10:07:28 GMT, "Rob St.Denis"
> <tstdenis3160@home.com> wrote:
>
> >> It is bad law because people do not want the government
> >> telling them how to live their lives and to what degree of
> >> risk they can/should afford themselves. No one is mandated
> >> to drive 70 MPH. If you don't want to drive a that speed,
> >> then don't.
> > >
> > >Still doesn't stop that idiot who is going to end up losing control of his
> > >car because he feels he should drive whatever speed he wants (since there
> > >wouldn't be any limit for him to abide by) and then crashing into my car.
> > >See believe it or not, MOST laws are there for the protection of OTHER
> > >people, not the offender.
> > >
> > >Ya can't drive drunk under law because you are a danger to others, not
> > >yourself.
> >
> > I have no problem with DWI laws. I do have problems where
> > speed limits are set lower than anyone rationally drives. I have
> > never suggested allowing unlimited speeds...although there
> > are certainly highways in the west that can and have had
> > only "reasonable and proper" as the limit.
> >
> > The problem is that the safety nazis want everyone to abide by
> > their version of what is or should be safe. None of that
> > crowd trusts anyone as an individual.

You have to remember that most "safety" related laws and rules are written for the lowest common denominator in society. Just because YOU can safely drive a car on a particular road at 70 MPH, does not mean that everyone else can. And since personal responsibility and prudent judgement seems to be at an all time low in this country, we have been more or less forced to have the rules dictated to us. It's a shame for those of us that feel that we're "better" than that, but the law is the law, and you do not have the right to arbitrarily disregard them. Organize a lobby, study and document your evidence as to why a particular law should be changed, and present it to the proper governing body, and let the process do its thing.

Dave
"Sandbagger"

1015. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 11:26:37 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <3AFA7AED.1ABB@worldlynx.net>
Source record: 8603
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Bill Sohl wrote:
>
> On Tue, 08 May 2001 10:09:43 GMT, "Rob St.Denis"
> <tstdenis3160@home.com> wrote:
>
> >> If you mean Clinton, you sure have that wrong. The safety nazis
> >> love Cintonites because they all want to tell you and me how
> >> we should live our lives.
> > >
> > >The amusing thing is ... the laws you do enjoy are exactly that. You know
> > >like: murder, rape, robbery, assault, stalking, etc etc etc ....
> > >
> > >The laws are there because the average person is too stupid to realise just
> > >what is good and what isnt
>
> That statement alone tells me you are very pro-government and
> have little or no respect for individual responsibility unless it is
> "enforced" by government. Pretty sad.

I am very much in favor of personal responsibility, and despise the government meddling in my life. But you have to realize that there are a great many peope in this country that are NOT responsible, and do NOT exercise good judgement. It is THESE people that the laws were written for. As long as people demonstrate that they could not behave themselves if left to their own desires, then the government will have to regulate them. This news group is a perfect example of why we need rules and regs. Too many people operate potentially dangerous equipment with little or no regard for other people's rights, yet they are the first to piss and moan when the law bites them. It's hard to make a case in favor of that type of mentality.

Dave
"Sandbagger"

1016. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 21:45:45 UTC
From: Jeff Campbell <jcampbell@ins-msi.com>
Message-ID: <3AFB05D4.1C5BDE33@ins-msi.com>
Source record: 8604

While it's oriented to psk31 you might want to look at:

http://www.qsl.net/ae4jy/pskcoredll.htm

73,
Jeff Campbell
n8wxs@arrl.net

David Keenan wrote:
>
> "Magne Mæhre" <magne@clustra.com> wrote in message
> news:m366fbrma0.fsf@clustra.com...
> > "David Keenan" <dckeenan@san.rr.com> writes:
> >
> > > I've been lurking and doing searches, and downloaded several programs
> > > to monitor packet radio through the sound card (DSP) ... All that I
> > > could find in the 'help' menu about sound cards is how to record to WAV
> > > files, but not seeing real-time samples in numbers that I can put into
> > > arrays
> > > for processing.
> >
> > Since you mention VB5, I guess it's for win32-platform?
> >
> exactly -- WinME
> >
> > I would recommend that you checked out the DirectSound interface
> > (check the libraries at msdn.microsoft.com for details)
> >
> I'm looking through and will peruse them -- thanks!
> >
> > What you do is something along these lines:
> >
> > 1. setup sample-rate, resolution etc.
> > 2. Enter a loop
> > 3. request a buffer of samples from the sound driver
> > 4. do your maths and graphics
> > 5. goto 2
> >
> Pretty much nailed it -- I was thinking of more like:
> 1. Setup, including look-up table for screen coordinates
> 2. Loop
> 3. Read Card
> 4. Enter byte into array and increment array counter
> 5. Display pixel at (Time,Amplitude)
> 6. Goto 2 unless key/mouse clicked

> 7. Do maths for 'presentation' and reading octets
>
> I figure that steps 3, 4, and 5 shouldn't be too long in cycles, especially
> with
> a lookup table with the trig and such 'spoon-fed'. 5 could be dropped if
> the
> sample rate gets too bogged down, though.
> >
> > You would probably like to do the sampling asynchronusly,
> > so that a new set of samples can be acquired while you're
> > doing your processing and displaying. IIRC, you can set
> > up a callback function that DirectSound will call whenever
> > a new buffer is ready.
> >
> > --Magne / la1bfa

1017. Icom Interface PC Boards

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 21:47:10 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfm337eudq0i2f@corp.supernews.com>
Source record: 8605

I have a limited number (20) of PC boards for a sound card interface which I designed specifically for the IC-756PRO. It should work fine with any of the Icom rigs (such as the IC761/765) which use the 8 pin DIN ACC(1) connector. The interface contains Rx and Tx audio preamps and isolation transformers. PTT can be keyed via an optical isolated serial port interface or via an internal VOX type circuit which has been designed to work well with the digital modes. All I/O lines are filtered with chokes and bypass capacitors. An on/off switch routes all ACC(1) connections to an identical connector when the interface is turned off. Front panel controls for Rx, Tx, and VOX gain work independent of the rig's volume, mike gain, and vox gain controls. Fits in a standard MicroPack "C" enclosure by Lansing Instruments.

These boards are available at my cost of $21 each plus $1.50 shipping. I can send you a zip file with PDF format schematic and parts list. If you are interested e-mail me directly at: rlewis@staffnet.com

1018. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 22:04:52 UTC
From: "Dave Cook", com
Message-ID: <8gEK6.3840$f61.69942@news1.sttls1.wa.home.com>
Source record: 8606

You might also have a look at:

http://www.qsl.net/wa0ttn/PSK31.htm

This is Moe's PSKCore DLL code wrapped in an ActiveX control. A lot easier
to use in a VB app than the DLL. If all you're interested in is the raw
data, you can set the control's Visible property to False and call
GetRawData when the DataRdy notification event fires.

-- Dave
WA0TTN

"Jeff Campbell" <jcampbell@ins-msi.com> wrote in message
news:3AFB05D4.1C5BDE33@ins-msi.com...
While it's oriented to psk31 you might want to look at:

http://www.qsl.net/ae4jy/pskcoredll.htm

73,
Jeff Campbell
n8wxs@arrl.net

David Keenan wrote:
>
> "Magne M&#65533;hre" <magne@clustra.com> wrote in message
> news:m366fbrma0.fsf@clustra.com...
> > "David Keenan" <dckeenan@san.rr.com> writes:
> >
> > > I've been lurking and doing searches, and downloaded several programs
> > > to monitor packet radio through the sound card (DSP) ... All that I
> > > could find in the 'help' menu about sound cards is how to record to
WAV
> > > files, but not seeing real-time samples in numbers that I can put into
> > > arrays
> > > for processing.
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> > Since you mention VB5, I guess it's for win32-platform?
> >
> exactly -- WinME
> >
> > I would recommend that you checked out the DirectSound interface
> > (check the libraries at msdn.microsoft.com for details)
> >
> I'm looking through and will peruse them -- thanks!
> >
> > What you do is something along these lines:

> >
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> 1. Setup, including look-up table for screen coordinates
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> 7. Do maths for 'presentation' and reading octets
>
> I figure that steps 3, 4, and 5 shouldn't be too long in cycles,
especially
> with
> a lookup table with the trig and such 'spoon-fed'. 5 could be dropped if
> the
> sample rate gets too bogged down, though.
> >
> > You would probably like to do the sampling asynchronusly,
> > so that a new set of samples can be acquired while you're
> > doing your processing and displaying. IIRC, you can set
> > up a callback function that DirectSound will call whenever
> > a new buffer is ready.
> >
> > --Magne / la1bfa

1019. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 23:21:44 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <coFK6.59496$2_.21446736@news3.rdc1.on.home.com>
Source record: 8608
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> Well....there is one thing about it.....Ya just cain't fisk stupid.

No but we can certainly have guidelines to punish the stupid by

1020. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 23:21:45 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <doFK6.59497$2_.21445966@news3.rdc1.on.home.com>
Source record: 8607
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> You have to remember that most "safety" related laws and rules are
> written for the lowest common denominator in society. Just because YOU
> can safely drive a car on a particular road at 70 MPH, does not mean
> that everyone else can. And since personal responsibility and prudent
> judgement seems to be at an all time low in this country, we have been
> more or less forced to have the rules dictated to us. It's a shame for
> those of us that feel that we're "better" than that, but the law is the
> law, and you do not have the right to arbitrarily disregard them.
> Organize a lobby, study and document your evidence as to why a
> particular law should be changed, and present it to the proper governing
> body, and let the process do its thing.

Not to mention not inconvenient either

1021. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-10 23:21:46 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <eoFK6.59498$2_.21446119@news3.rdc1.on.home.com>
Source record: 8609
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

> Really??
>
> It didn't look that way from where I'm sitting!

I remember the floridians complaining about a ballot for quite a long time there ...

1022. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 00:37:10 UTC
From: billsohl@mindspring.com
Message-ID: <3afb33b5.1274108@news.mindspring.com>
Source record: 8616
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

FYI on lower speed limits...

The NMA recently received a special report from the Montana Department of Transportation on highway accidents and fatalities. Chad Dornsife, NMA
Nevada Activist, has created a web page that compares Montana's last 12 months WITHOUT a speed limit to their first full year of experience WITH a speed limit.

The new information shows that fatalities have more than doubled on rural
interstates and has also increased on rural primary highways. This information contradicts the state officials who claimed speed limits, higher fines, and more enforcement would lower traffic deaths.

You can find the full story at
http://www.hwysafety.com/hwy_montana_2001.htm
If you have any
questions, you can contact:

Chad Dornsife
NMA Nevada Activist
chad@hwysafety.com
775.721.2423 cell
800.708.5723 voice mail/fax

National Motorists Association 608/849-6000
nma@motorists.org www.motorists.org
Advocating, Protecting, and Representing the Rights of North American Motorists

1023. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 02:50:39 UTC
From: Jerry France <grf@ctaz.com>
Message-ID: <3AFB533E.A8EAE425@ctaz.com>
Source record: 8610
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Hey Rob...Why are you and your freeband idiots crossbanding your petty junk into an amateur antenna newsgroup? Can't you keep this crap in some "who cares" newsgroup?

"Rob St.Denis" wrote:
>
> > Well....there is one thing about it.....Ya just cain't fisk stupid.
>
> No but we can certainly have guidelines to punish the stupid by

1024. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 04:22:16 UTC
From: David Keenan <dckeenan@san.rr.com>
Message-ID: <YNJK6.38$Ox.103306@typhoon.san.rr.com>
Source record: 8611

Thanks! I'll try tinkering with it and see what comes up -- it'll be
interesting
to see what traffic I can pick up, if it works ;-)
"Dave Cook" <nospam.davepc2@netdave.,com> wrote in message
news:8gEK6.3840$f61.69942@news1.sttls1.wa.home.com...
> You might also have a look at:
>
> http://www.qsl.net/wa0ttn/PSK31.htm
>
> This is Moe's PSKCore DLL code wrapped in an ActiveX control. A lot easier
> to use in a VB app than the DLL. If all you're interested in is the raw
> data, you can set the control's Visible property to False and call
> GetRawData when the DataRdy notification event fires.
>
> -- Dave
> WA0TTN
>
>
> "Jeff Campbell" <jcampbell@ins-msi.com> wrote in message
> news:3AFB05D4.1C5BDE33@ins-msi.com...
> While it's oriented to psk31 you might want to look at:
>
> http://www.qsl.net/ae4jy/pskcoredll.htm
>
> 73,
> Jeff Campbell
> n8wxs@arrl.net
>
> David Keenan wrote:
> >
> > "Magne M�hre" <magne@clustra.com> wrote in message
> > news:m366fbrma0.fsf@clustra.com...
> > > "David Keenan" <dckeenan@san.rr.com> writes:
> > >
> > > > I've been lurking and doing searches, and downloaded several
programs
> > > > to monitor packet radio through the sound card (DSP) ... All that I
> > > > could find in the 'help' menu about sound cards is how to record to
> WAV
> > > > files, but not seeing real-time samples in numbers that I can put
into
> > > > arrays
> > > > for processing.

> > >
> > > Since you mention VB5, I guess it's for win32-platform?
> > >
> > exactly -- WinME
> > >
> > > I would recommend that you checked out the DirectSound interface
> > > (check the libraries at msdn.microsoft.com for details)
> > >
> > I'm looking through and will peruse them -- thanks!
> > >
> > > What you do is something along these lines:
> > >
> > > 1. setup sample-rate, resolution etc.
> > > 2. Enter a loop
> > > 3. request a buffer of samples from the sound driver
> > > 4. do your maths and graphics
> > > 5. goto 2
> > >
> > Pretty much nailed it -- I was thinking of more like:
> > 1. Setup, including look-up table for screen coordinates
> > 2. Loop
> > 3. Read Card
> > 4. Enter byte into array and increment array counter
> > 5. Display pixel at (Time,Amplitude)
> > 6. Goto 2 unless key/mouse clicked
> > 7. Do maths for 'presentation' and reading octets
> >
> > I figure that steps 3, 4, and 5 shouldn't be too long in cycles,
> especially
> > with
> > a lookup table with the trig and such 'spoon-fed'. 5 could be dropped
if
> > the
> > sample rate gets too bogged down, though.
> > >
> > > You would probably like to do the sampling asynchronusly,
> > > so that a new set of samples can be acquired while you're
> > > doing your processing and displaying. IIRC, you can set
> > > up a callback function that DirectSound will call whenever
> > > a new buffer is ready.
> > >
> > > --Magne / la1bfa
> >
>

1025. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 10:27:04 UTC
From: "Rob St.Denis" <tstdenis3160@home.com>
Message-ID: <Y7PK6.64086$2_.22804559@news3.rdc1.on.home.com>
Source record: 8612
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

Hey joe ... Why do you believe I give a damn about making sure the posts are in the correct forum? This is where it started and this is where it will end. And trust me I do not condone freebanding whatsoever.

--
Rob St.Denis

"Jerry France" <grf@ctaz.com> wrote in message news:3AFB533E.A8EAE425@ctaz.com...
> Hey Rob...Why are you and your freeband idiots crossbanding your petty
> junk into an amateur antenna newsgroup? Can't you keep this crap in
> some "who cares" newsgroup?
>
> "Rob St.Denis" wrote:
> >
> > > Well....there is one thing about it.....Ya just cain't fisk stupid.
> >
> > No but we can certainly have guidelines to punish the stupid by

1026. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 10:36:32 UTC
From: magne@clustra.com
Message-ID: <m33dacqij3.fsf@clustra.com>
Source record: 8613

Jeff Campbell <jcampbell@ins-msi.com> writes:

> While it's oriented to psk31 you might want to look at:
>

A pity the source code isn't available for us all to tinker with
and learn from.

...but I guess there isn't any tradition for that in the
Windows world :(

--Magne / la1bfa

1027. 4 Sale Bensat atv Rec'er/Trade

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 12:59:51 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <AmRK6.79$SM.3281@news.corpcomm.net>
Source record: 8614
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment

I have a Bensat FM ATV rev'er for 900mhz and 1.2ghz. Less than a month old.
I just rec'ed
a wyman unit so I don't need it any more. this
cost brand new 150$ I will trade for a video ELK board or 220 mobile. or
125/bo$.you can see this sat rev'er on PC electronics web page.

n0mnb@sprintpcs.com

1028. Re: Respect For Freebanders

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 13:17:40 UTC
From: hamish@cloud.net.au
Message-ID: <UDRK6.817$25.3382@news1.eburwd1.vic.optushome.com.au>
Source record: 8615
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.cb

In rec.radio.amateur.digital.misc Dave Hall <nojunkmail_n3cvj@worldlynx.net> wrote:
> You have to remember that most "safety" related laws and rules are
> written for the lowest common denominator in society. Just because YOU
> can safely drive a car on a particular road at 70 MPH, does not mean
> that everyone else can.

And although you may think you can safely drive on a particular road
at a particular speed, you may be over-judging your abilities.

I heard of a survey once that found that something like 90% of people
though they were above average drivers. Now if they were correct, it
means the distribution is very skewed; there must be some REALLY REALLY
awful drivers somewhere. It's more likely that they are just too
confident and can't properly judge their abilities.

The fastest speed limit in most states of Australia is 110km/hour,
which is about 69 MPH. It's fast enough for a legal limit.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1029. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-11 23:36:30 UTC
From: "Dave Cook", com
Message-ID: <2I_K6.3368$la.36158@news1.sttls1.wa.home.com>
Source record: 8617

Have a look at Moe's Web pages at http://www.qsl.net/ae4jy. There's plenty
of source code and he's more than willing to share it.

-- Dave, WA0TTN

"Magne M&#65533;hre" <magne@clustra.com> wrote in message
news:m33dacqij3.fsf@clustra.com...
> Jeff Campbell <jcampbell@ins-msi.com> writes:
>
> > While it's oriented to psk31 you might want to look at:
> >
>
> A pity the source code isn't available for us all to tinker with
> and learn from.
>
> ...but I guess there isn't any tradition for that in the
> Windows world :(
>
> --Magne / la1bfa
>

1030. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 01:46:30 UTC
From: magne@clustra.com
Message-ID: <m3heyrxrt5.fsf@clustra.com>
Source record: 8618

"Dave Cook" <nospam.davepc2@netdave.,com> writes:

> Have a look at Moe's Web pages at http://www.qsl.net/ae4jy. There's plenty
> of source code and he's more than willing to share it.

Yes, the client application code is available, and that is great!

I can't find any source code for the signal processing library
though (which is the "rocket science" here :) That was the part
I'd really like to see.

--Magne / la1bfa

1031. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 03:29:46 UTC
From: "Dave Cook", com
Message-ID: <K62L6.4263$la.54175@news1.sttls1.wa.home.com>
Source record: 8619

Look at the 1.2 code. What more can you ask for?

"Magne M&#65533;hre" <magne@clustra.com> wrote in message
news:m3heyrxrt5.fsf@clustra.com...
> "Dave Cook" <nospam.davepc2@netdave.,com> writes:
>
> > Have a look at Moe's Web pages at http://www.qsl.net/ae4jy. There's
plenty
> > of source code and he's more than willing to share it.
>
> Yes, the client application code is available, and that is great!
>
> I can't find any source code for the signal processing library
> though (which is the "rocket science" here :) That was the part
> I'd really like to see.
>
> --Magne / la1bfa
>

1032. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 04:08:57 UTC
From: David Keenan <dckeenan@san.rr.com>
Message-ID: <tH2L6.712$Ox.534767@typhoon.san.rr.com>
Source record: 8620

I downloaded both the non-DLL program and the source code file, and linked
to the
page and the PDF tech info file. Thanks for the link!
"Dave Cook" <nospam.davepc2@netdave.,com> wrote in message
news:K62L6.4263$la.54175@news1.sttls1.wa.home.com...
> Look at the 1.2 code. What more can you ask for?
>
> "Magne M�hre" <magne@clustra.com> wrote in message
> news:m3heyrxrt5.fsf@clustra.com...
> > "Dave Cook" <nospam.davepc2@netdave.,com> writes:
> >
> > > Have a look at Moe's Web pages at http://www.qsl.net/ae4jy. There's
> plenty
> > > of source code and he's more than willing to share it.
> >
> > Yes, the client application code is available, and that is great!
> >
> > I can't find any source code for the signal processing library
> > though (which is the "rocket science" here :) That was the part
> > I'd really like to see.
> >
> > --Magne / la1bfa
> >
>
>

1033. Connecting 706MKIIG to KAM98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 06:55:24 UTC
From: Robert Joshua Chen <rjchen@Stanford.EDU>
Message-ID: <9dimos$3os$1@nntp.Stanford.EDU>
Source record: 8621

I'm trying to connect my IC706MKIIG to a KAM'98 through the data port on the back of the radio. However, I'm having trouble locating a connector which fits in this port with wires or terminals protruding from the back that I can use to hook-up to the TNC connector. Anyone have any suggestions?

Thanks in advance,
-Robert

--

1034. TrueTTY 1.77 beta is there!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 08:12:34 UTC
From: amx2@dxsoft.com
Message-ID: <3afcef5d.1101371@news.cis.dfn.de>
Source record: 8622

Hello All!

I have uploaded upgrade to TrueTTY 1.77 beta to the main site and
mirror:
http://www.dxsoft.com/truettyb.zip
http://www.hamradio-software.com/truettyb.zip

Your feedbacks are welcome.

Best regards,
Sergei

Windows HAM radio software at http://www.dxsoft.com

==========

TrueTTY Versions History

V1.77
The old bug with Alt-T keystroke was fixed. Sometimes it was
necessary
to click on them twice to switch transmitter on.
If there are several sound cards in a computer, you can select
the card by the "SoundCardNumber" parameter of [RTTY] section of
TRUETTY.INI file. (SoundCardNumber=0 , SoundCardNumber=1 etc.)
V1.76
HF-PACKET (300 bps) monitoring was made (Mode->AX25).
[...]

==========
TrueTTY digital communication software.
Program for amateur radio digital communications via a sound card.
Supported modes are RTTY (Baudot code), ASCII (7 or 8 bits), PSK31
(BPSK and QPSK) and
AMTOR-FEC (SITOR-B, NAVTEX).
SELFEC SITOR decoding is possible also. No additional hardware
required - you need only transceiver and computer (5x86-133,
Pentium-75 or better) with sound card. Optionally you can use simple
circuit for PTT-control. It make fast and convenient frequence
control, has a lot macros for tramsmitting. Can cooperate with RZ4AG
AALog logger.

1035. Re: Connecting 706MKIIG to KAM98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 16:25:40 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <3AFD6404.334D815E@monmouth.com>
Source record: 8623

Robert Joshua Chen wrote:
>
> I'm trying to connect my IC706MKIIG to a KAM'98 through the data port
> on the back of the radio. However, I'm having trouble locating a
> connector which fits in this port with wires or terminals
> protruding from the back that I can use to hook-up to the TNC
> connector. Anyone have any suggestions?
>

Mine came with connectors for the ports on the back. They didn't have
wires on them, but it's not too difficult to solder what you need onto
them. You might also want to try a well-stocked Radio Shack for the
connectors.
--
JackN2MPU FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1036. Re: Reading a Blaster card

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 17:21:01 UTC
From: magne@clustra.com
Message-ID: <m3d79exz42.fsf@clustra.com>
Source record: 8624

"Dave Cook" <nospam.davepc2@netdave.,com> writes:

> Look at the 1.2 code. What more can you ask for?

My apologies.
I overlooked the last link on the page, and only looked
at the 2.x version and the DLL code.

Thanks a lot for pointing it out..

--Magne

1037. Re: Software for FT-847

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 18:21:47 UTC
From: kg7fu <kg7fu@yahoo.com>
Message-ID: <nnvqft4u21bec2rcn5sve5pu2bra5ep6qf@4ax.com>
Source record: 8625

Category: Recreation > Amateur Radio > Software

TRX-Manager for Yaesu Icom Kenwood - [New! Translate this page]
TRX-Manager is moving to : http://www.trx-manager.com.
Please click here : to update your favorites. ...
ourworld.compuserve.com/homepages/f6dex/ - 5k - Cached - Similar pages

http://ourworld.compuserve.com/homepages/f6dex/

de kg7fu

James S. Kaplan KG7FU
Eugene Oregon USA
kg7fu@yahoo.com
http://www.rio.com/~kg7fu
ICQ # 1227639
Have YOU tried Linux today?

On Fri, 16 Mar 2001 13:14:05 -0500, "Bob" <bharvey@iu.net> wrote:

>Looking for the best overall software program for the FT-847. I am setting
>up an emergency net and currnetly have 50 frequencies in the log. I nee to
>be able to move to any of these frequencies quickly. Please reply to
>bharvey@iu.net
>
>Thanks
>
>Bob WB9LZO
>bharvey@iu.net
>

1038. Re: Will Trade ICOM programming CS 2800 for IC2800 H for the SW for IC-T2H HT.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 18:23:32 UTC
From: kg7fu <kg7fu@yahoo.com>
Message-ID: <uqvqftkfpd3kkbtk2ddh1eecbod238610j@4ax.com>
Source record: 8626

I too will barter to get a recent copy of RD Systems programming
software for the IC-W32A and IC-T8A

de kg7fu

James S. Kaplan KG7FU
Eugene Oregon USA
kg7fu@yahoo.com
http://www.rio.com/~kg7fu
ICQ # 1227639
Have YOU tried Linux today?

On Sun, 15 Apr 2001 13:18:42 GMT, "cc" <c@c.com> wrote:

>Will Trade ICOM programming CS 2800 for IC2800 H for the SW for IC-T2H HT.
>
>

1039. Re: Connecting 706MKIIG to KAM98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 18:26:44 UTC
From: faunt+usenet@panix.com
Message-ID: <mfrlmo24e57.fsf@panix3.panix.com>
Source record: 8627

Robert Joshua Chen <rjchen@Stanford.EDU> writes:

> I'm trying to connect my IC706MKIIG to a KAM'98 through the data port
> on the back of the radio. However, I'm having trouble locating a
> connector which fits in this port with wires or terminals
> protruding from the back that I can use to hook-up to the TNC
> connector. Anyone have any suggestions?
>
> Thanks in advance,
> -Robert
>
> --

MFJ sells the 13pin connectorized cable marked for
Kenwood radios, but works fine in the Icom.

The 6pin miniDIN connector is used on much computer equipment. Radio
Shack sells the connectors with no cables. I wouldn't be too suprised
if MFJ has them, but haven't looked.

73, doug

1040. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 18:36:46 UTC
From: kg7fu <kg7fu@yahoo.com>
Message-ID: <r20rft4fkknarb59qbesgmn9lnfd1rf5h9@4ax.com>
Source record: 8628

Here's some of my /etc/ax25 scripts. Soundmodem works FB with Kernel 2.0.36 patched on a SuSE (www.suse.com) 6.4 box as well as with newer 2.3 (and 2.4?) kernels. I even have Soundmodem, LinPSK and a whole portable ax.25 node all in a teeny "notebook" form factor.

root@fritz:/home/kg7fu > cat /etc/ax25/start_soundmodem

```
#!/bin/bash
#
#soundmodem based packet station
#
#clean the sound drivers
rmmod opl3
rmmod sb
rmmod uart401
rmmod sound
rmmod soundcore
rmmod soundlow
#clean the com port
setserial /dev/ttyS0 uart none port 0 irq 0
sleep 1
#configure the soundcard
setcrystal -w 0x220 -i 7 -d 1
sleep 1
#packet drivers
modprobe hdlcdrv
insmod soundmodem mode="sbc:afsk1200" iobase=0x220 irq=7 dma=1
sethdlc -p -i sm0 mode sbc:afsk1200 io 0x220 irq 7 dma 1 serio 0x3f8
sleep 1
#setup packet communications parameters
sethdlc -i sm0 -a txd 450 slot 100 ppersist 64 half
sleep 1
#!/bin/bash
#
#soundmodem based packet station
#
#clean the sound drivers
rmmod opl3
rmmod sb
rmmod uart401
rmmod sound
rmmod soundcore
rmmod soundlow
#clean the com port
setserial /dev/ttyS0 uart none port 0 irq 0
```

```
sleep 1
#configure the soundcard
setcrystal -w 0x220 -i 7 -d 1
sleep 1
#packet drivers
modprobe hdlcdrv
insmod soundmodem mode="sbc:afsk1200" iobase=0x220 irq=7 dma=1
sethdlc -p -i sm0 mode sbc:afsk1200 io 0x220 irq 7 dma 1 serio 0x3f8
sleep 1
#setup packet communications parameters
sethdlc -i sm0 -a txd 450 slot 100 ppersist 64 half
sleep 1
#setup misc details
ifconfig sm0 hw ax25 kg7fu up
smmixer s=line.l
smmixer i=0
smmixer o=-50
#setup networking
#
ifconfig sm0 up
axparms -setcall sm0 kg7fu
ifconfig sm0 44.26.1.150 netmask 255.255.255.0 up
#ifconfig sm0 broadcast 44.26.0.0 mtu 512
axparms -route add sm0 n7dxt-1
sleep 1
#
#some daemons
ax25d -l
sleep 1
mheardd
ax25spyd &
#
#fin
```

Note: this works FB with Baycom serial drivers, so you really can run
a hub from a notebook PC!

```
]cat /etc/ax25/rc.ax25
#!/bin/sh
#### everything below
# config Kiss TNC port
echo "Attaching to AX25 to TNC device"
/usr/sbin/mkiss -s 19200 /dev/ttyS1 /dev/ptyq1 /dev/ptyq2
/bin/sleep 1
/usr/sbin/kissattach -m 236 /dev/ttyq1 vhf 44.26.1.146
/sbin/ifconfig ax0 netmask 255.255.255.0
#/usr/sbin/kissattach -m 236 /dev/ttyq2 uhf 44.26.1.146
#/sbin/ifconfig ax1 netmask 255.255.255.0
/bin/sleep 1
```

```
# config AXIP
#/usr/sbin/kissattach /dev/ptyq0 axip
#/bin/sleep 1

# config loopback
#/usr/sbin/kissnetd /dev/ptyr2 /dev/ptyr3 &
#/bin/sleep 5
#/usr/sbin/kissattach /dev/ttyr2 lp1
#/bin/sleep 5
#/usr/sbin/kissattach /dev/ttyr3 lp2
#/bin/sleep 5

# config NetRom
echo "Configuring Net/Rom"
/usr/sbin/nrattach -i 44.26.1.146 -m 236 netrom
/sbin/ifconfig nr0 netmask 255.255.255.0
/usr/sbin/nrattach -i 44.26.1.146 -m 236 netrom2
/sbin/ifconfig nr1 netmask 255.255.255.0
/bin/sleep 1
# start the daemons
echo "some daemons"
/usr/sbin/ax25d -l
/bin/sleep 1
#/usr/sbin/ax25ipd
#/bin/sleep 1
/usr/sbin/netromd -i
/usr/sbin/mheardd

# send the kissparms
echo "Setting Kiss params"
/usr/sbin/kissparms -p vhf -t 300 -s 100 -r 64 -f n -l 0
#/usr/sbin/kissparms -p uhf -t 50 -s 100 -r 64 -f n -l 0

# load axdigi
#/usr/sbin/axdigi &

# associate callsigns to users
/usr/sbin/axparms -assoc KG7FU kg7fu
/usr/sbin/axparms -assoc policy default
#/usr/sbin/axparms -assoc KI7AY ki7ay

# setup ipip tunnel
#/sbin/ifconfig tunl0 44.26.1.146 mtu 512 up

#local routes
#/sbin/route add 44.26.1.146 nr0
#/sbin/route add -net 44.26.1.0/24 gw 44.1.26.146 window 2048 nr0
#
#netrom routing
echo "setting netrom routes"
#nrparms -routes uhf kg7fu-9 + 180
nrparms -routes vhf kg7fu-1 + 200
#nrparms -routes vhf kg7fu-11 + 170
```

```
echo "setting default netrom nodes"
nrparms -nodes kg7fu-1 + lbs 200 4 vhf kg7fu-1
nrparms -nodes w0rli-1 + paret 180 4 vhf kg7fu-1
#nrparms -nodes n7qdn-6 + qdntcp 40 4 vhf kg7fu-1
#nrparms -nodes wb1fyo-2 + 7400d6 40 4 vhf kg7fu-1
#nrparms -nodes n7biq-3 + 7400ef 70hf kg7fu-1
#nrparms -nodes wa7gfe-3 + 740030 70 4 vhf kg7fu-1
#nrparms -nodes kc7dx-3 + 740059 70 4 vhf kg7fu-1
#tcp/ip routing via radio
echo "arp entries"
#w0rli-1
echo "w0rli"
route add -host 44.116.1.20 window 1024 mss 512 irtt 30000 nr0
arp -t netrom -s 44.116.1.20 w0rli-1 -i nr0
#
#n7qdn-6
#route add 44.116.2.17 window 1024 mss 512 nr0
#arp -t netrom -s 44.116.2.17 n7qdn-6 -i nr0
#
#route add 44.116.0.239 window 2048 mss 512 irtt 30000 nr0
#arp -t netrom -s 44.116.0.239 n7biq-3 -i nr0
#
#route add 44.116.0.48 window 2048 mss 512 irtt 30000 nr0
#arp -t netrom -s 44.116.0.48 wa7gfe-3 -i nr0
#
#route add 44.116.0.89 window 2048 mss 512 irtt 30000 nr0
#arp -t netrom -s 44.116.0.89 kc7dx-3 -i nr0
#
#route add 44.116.0.131 window 2048 mss 512 irtt 30000 nr0
#arp -t netrom -s 44.116.0.131 n7qme-3 -i nr0
#
#route add 44.116.0.214 window 1024 mss 512 nr0
#arp -t netrom -s 44.116.0.214 wb1fyo-2 -i nr0
#
#echo "kg7fu-11"
#route add 44.26.1.150 window 1024 mss 512 nr0
#arp -t netrom -s 44.26.1.150 kg7fu-11 -i nr0
#
echo "wan routing"
#route add -net 44.116.1.0 netmask 255.255.0.0 gw 44.116.1.20 window
1024
#mss 512 nr0
#route add -net 44.24.0.0 netmask 255.255.0.0 gw 44.116.1.20 window
1024
#mss 512 irtt 30000 nr0
#
#more daemons
echo "some more daemons"
#/usr/sbin/ax25rtd &
/usr/sbin/ax25spyd &
```

```
#
#start the beacons
#echo "starting beacons"
beacon -c kg7fu-6 vhf "KG7FU's Experimental Linux IP Gateway/Node"
#beacon -c linux-0 uhf "KG7FU's Linux Mess"
#
#clean up
#my dns has an erroneous entry for 44.26.1.0
route del -net 44.26.1.0/24 ax0
route del -net 44.26.1.0/24 nr0
route del -net 44.26.1.0/24 nr1
echo "done"
#
root@fritz:/home/kg7fu >
```

This is how I start packet networking on my server box. It's main function, other than a DOD internet router, is a CLX DX Packet Cluster.

Try some debugging flags and mail me your /var/log/warn & /var/log/messages files if you still have difficulty.

de kg7fu

James S. Kaplan KG7FU
Eugene Oregon USA
kg7fu@yahoo.com
http://www.rio.com/~kg7fu
ICQ # 1227639
Have YOU tried Linux today?

On 25 Apr 2001 11:38:55 GMT, afrb2@cus.cam.ac.uk (A.F.R. Bain) wrote:

>I'm trying to persaude an old PC in the office to act as a Packet Node.
>It's got a genuine SB-16 card installed, which works with the sound
>driver in the kernel. However with the soundmodem I can't get anything
>working!
>
>Card is a SB16 (genuine) and using modules sb,uart401,sounds,soundcore
>and soundlow it enits sound when I cat a random file to /dev/audio.
>I can remove these modules and install the soundmodem driver fine,
>but I'm having trouble with sethdlc of the following form:
>
>Kernel version in use is 2.2.17. Following the instructions in the
>kernel tree documentation I proceed thus:
>
>% insmod soundcore
>% insmod soundlow
>% insmod sound
>% insmod uart401

>% insmod sb io=0x220 irq=7 dma=1
>% rmmod sb
>% rmmod uart401
>% rmmod sound
>% insmod soundmodem mode="sbc:fsk9600" iobase=0x220 irq=7 dma=1
>% sethdlc -i sm0 -p mode "sbc:fsk9600" io 0x220 irq 7 dma 1
>
>sethdlc: Version 0.5; (C) 1996-1997 Thomas Sailer HB9JNX/AE4WA
>driver name: soundmodem
>current parameters: mode <unspec>:<unspec>,<unspec> io 0x220 irq 7 dma 1 dma2 4
>294967295 serio 0x0 pario 0x0 midiio 0x0
>ioctl (HDLCDRVCTL_SETMODE): invalid argument
>driver supported modes: <junk>
>
>Any ideas what I could be doing wrong? It seemed much easier
>getting going on RTTY with a Creed 7E teleprinter!
>
>Alan Bain
>M5AIQ
>

1041. how do I stop DTR asserts

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 19:36:54 UTC
From: allanwood3@aol.comnojunk
Message-ID: <20010512153654.21430.00003015@ng-fk1.aol.com>
Source record: 8629

When I boot my PC it momentarily enable the PTT line setting my transceiver to transmit. I have the PC connected to the transceiver for data communications and it is connected to the PTT line in the usual way.

I believe there is a small TSR programme which I can use to stop this spurious PTT signal during boot up. Can somebody please tell me from where and how I can obtain a copy.

Thanks.

Allan

1042. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 20:27:00 UTC
From: cammeres@spam_be_gone.uiuc.edu
Message-ID: <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>
Source record: 8630

On Sat, 12 May 2001 11:36:46 -0700, kg7fu <kg7fu@yahoo.com> wrote:
>Here's some of my /etc/ax25 scripts. Soundmodem works FB with Kernel
>2.0.36 patched on a SuSE (www.suse.com) 6.4 box as well as with newer
>2.3 (and 2.4?) kernels. I even have Soundmodem, LinPSK and a whole
>portable ax.25 node all in a teeny "notebook" form factor.

how come with 2.4 kernels i don't see an option for soundmodem support?

sc

--
Sidney CAMMERESI http://www.cheesecake.org/sac
Emperor, Nukernel Software, Unl.
AB9BH, grid EN50vc

1043. Re: how do I stop DTR asserts

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-12 23:54:36 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfrja4hb4a44bd@corp.supernews.com>
Source record: 8631

I believe the TSR program you refer to is desinged to prevent the continuous assertion of the RTS and/or DTR in Windows ME. I think the momentary assertion you are experiencing is a normal function of the bios testing and initializing the ports. At least on the computers I have the momentary assertion occurs before Windows loads and it occurs in a boot direct to DOS. I've not found a solution other than to make sure the rig is either off or disconnected when booting the computer.

1044. PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 03:35:49 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9dkvgupcb1@bob.news.rcn.net>
Source record: 8632

Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL is: www.nvbb.net/jaffejim/mixwpage.htm Unlike our FREEWARE DigiPan, MixW 2.0 RC#2 does all the Digital modes including the old favorites such as CW, RTTY FAX Pactor FEC and Amtor FEC plus SSTV and MFSK QPSK, BPSK Hellschreiber and Throb. Feature the same easy pull down menus as our FREEWARE DigiPan so the learning curve is very minimal.nothing really to memorize has full contest logging high speed normal logging CAT and Rotator control. You can download and test out the program and see for your self.. Please again make note of the new website as the old URL has been changed. Best 73 and Happy Warbling.. Jim, WA2VOS

1045. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 04:04:12 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tfs1segi63q635@corp.supernews.com>
Source record: 8633

The link is not working.

"Jim Jaffe" <jaffejim@drugteach.org> wrote in message
news:9dkvgupcb1@bob.news.rcn.net...
> Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware
> Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL is:
> www.nvbb.net/jaffejim/mixwpage.htm Unlike our FREEWARE DigiPan, MixW 2.0
> RC#2 does all the Digital modes including the old favorites such as CW,
RTTY
> FAX Pactor FEC and Amtor FEC plus SSTV and MFSK QPSK, BPSK Hellschreiber
and
> Throb. Feature the same easy pull down menus as our FREEWARE DigiPan so
the
> learning curve is very minimal.nothing really to memorize has full contest
> logging high speed normal logging CAT and Rotator control. You can
download
> and test out the program and see for your self.. Please again make note of
> the new website as the old URL has been changed. Best 73 and Happy
> Warbling.. Jim, WA2VOS
>
>
>
>

1046. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 14:07:18 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3AFE9516.3895C9E9@ix.netcom.com>
Source record: 8634

Jim -- wrong URL: http://www.nvbb.net/jaffejim/mixwpage.htm sez THIS IS MISSING.HTML
Please repost and copy it out of your browser LOCATION etc.
Thanks for the update
--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!
==========
Jim Jaffe wrote:

> Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware
> Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL is:
> www.nvbb.net/jaffejim/mixwpage.htm

SNIP

> Best 73 and Happy
> Warbling.. Jim, WA2VOS

1047. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 15:30:34 UTC
From: J Frank Fields <Frank.Fields@boeing.com>
Message-ID: <uMxL6.71840$2U.32492283@news2.rdc2.tx.home.com>
Source record: 8635

Try:

http://www.nvbb.net/~jaffejim/mixwpage.htm

People always forget the tilde...

"AC6V" <ac6v@ix.netcom.com> wrote
> Jim -- wrong URL: http://www.nvbb.net/jaffejim/mixwpage.htm sez THIS IS
> MISSING.HTML
> Please repost and copy it out of your browser LOCATION etc.
> Thanks for the update
> --
> 73 From Rod AC6V In San Diego
> 700 Ham Topics & 6,000 Links
> http://ac6v.com/
> I Doubt, Therefore I Might Be!!!
> =============
> Jim Jaffe wrote:
>
> > Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware
> > Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL is:
> > www.nvbb.net/jaffejim/mixwpage.htm
>
> SNIP
>
> > Best 73 and Happy
> > Warbling.. Jim, WA2VOS

1048. New PSK Software and New Website Address

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 15:45:46 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9dma8g$2u$1@bob.news.rcn.net>
Source record: 8636

Hi Fellow Warblers.. I must apologize for typing in the new URL and forgetting to add the tilde in the appropriate spot. I made a mistake in tying in the URL for our Website which should have read : www.nvbb.net/~jaffejim/mixpage.htm some how the "Tilde" was left out.. The new website address for both DigiPan and MixW software is www.nvbb.net/~jaffejim/mixwpage.htm or for DigiPan it would read www.nvbb.net/~jaffejim/digipan.htm the home page of the site is: www.nvbb.net/~jaffejim and from there you can scroll down the page to the various Icons and get to any page you like. You can also go to www.qrz.com and the website and email addresses are always posted there and kept up to date..
We have released the next version of our Shareware PSK software titled MixW 2.0 which replaces our previous version 1.45. MixW now uses the same easy to learn interface as our FREEWARE DigiPan. Unlike DigiPan which can only do PSK/QPSK, MixW can do ALL the Digital modes including MFSK, Throb, Hellschreiber, FSK31, PSK, QPSK and then RTTY all shifts all speeds, CW, FAX, Packet HF and VHF, Amtor FEC mode, Pactor FEC mode plus contest logging and regular logging.. SSTV send and receive.. go to the website and download a copy and try it out for yourself.. MixW uses the same easy pull down menus and all the macros are displayed on the function keys and there is no need to read those boring manuals written in computer Tech Talk. Nothing to really memorize.. just boot up the program and fill in the "Personal Data" in the Configuration file and you're on the air with the very best program ever written for the Digital modes.. 73 and enjoy.. Jim, WA2VOS

1049. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-13 15:48:00 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9dmacs$n5$1@bob.news.rcn.net>
Source record: 8637

Yes I made an error..the link should read
www.nvbb.net/~jaffejim/mixwpage.htm sorry about that.. I guess I not really
PERFECT after all please accept my apologies.. Jim WA2VOS
"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
news:tfs1segi63q635@corp.supernews.com...
> The link is not working.
>
> "Jim Jaffe" <jaffejim@drugteach.org> wrote in message
> news:9dkvgupcb1@bob.news.rcn.net...
> > Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware
> > Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL
is:
> > www.nvbb.net/jaffejim/mixwpage.htm Unlike our FREEWARE DigiPan, MixW
2.0
> > RC#2 does all the Digital modes including the old favorites such as CW,
> RTTY
> > FAX Pactor FEC and Amtor FEC plus SSTV and MFSK QPSK, BPSK Hellschreiber
> and
> > Throb. Feature the same easy pull down menus as our FREEWARE DigiPan so
> the
> > learning curve is very minimal.nothing really to memorize has full
contest
> > logging high speed normal logging CAT and Rotator control. You can
> download
> > and test out the program and see for your self.. Please again make note
of
> > the new website as the old URL has been changed. Best 73 and Happy
> > Warbling.. Jim, WA2VOS
> >
> >
> >
> >
>
>

1050. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 02:17:09 UTC
From: kap <kg7fu@yahoo.com>
Message-ID: <3eptft40hifdmsuujec7pnrljdrcmtup0e@4ax.com>
Source record: 8638

On Sat, 12 May 2001 20:27:00 GMT, cammeres@spam_be_gone.uiuc.edu
(Sidney Cammeresi) wrote:

>how come with 2.4 kernels i don't see an option for soundmodem support?

You'll have to ask Thomas Sailer about newer kernel support if you
can't get it done from the tarballs, etc...

BTW Kai Altenfelder maintains Ham Radio support for SuSE. See what's
in their archive at ftp.suse.com/pub/projects/ham

James S. Kaplan KG7FU
Eugene Oregon USA
kg7fu@yahoo.com
http://www.rio.com/~kg7fu
ICQ # 1227639
Have YOU tried Linux today?

1051. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 07:18:29 UTC
From: jfenn@lava.net
Message-ID: <9do0s5ip2@mochi.lava.net>
Source record: 8639

From what I have heard, there is no "soundcard" driven softweare that
can do pactor, packet, or any of the modes that has error cqn
builtin. Also was told there wont be any written because it
simply cant be done without a TNC to do it.
Joe (aka kilroy)

****
* Ham KH6JF MARS QCWA WW2 VET WD RADIO *
****

1052. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 08:04:39 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9fv4cn.up2.nomail@linux.pe1chl.ampr.org>
Source record: 8640

jfenn@lava.net <jfenn@lava.net> wrote:
>From what I have heard, there is no "soundcard" driven softweare that
>can do pactor, packet, or any of the modes that has error cqn
>builtin. Also was told there wont be any written because it
>simply cant be done without a TNC to do it.

And you believed that?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1053. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 12:41:33 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tfvkkjfgr50g7a@corp.supernews.com>
Source record: 8641

> From what I have heard, there is no "soundcard" driven softweare
that
> can do pactor, packet, or any of the modes that has error cqn
> builtin.

Its not a matter of error checking, it's the critical timing of the ARQ modes (such as Pactor and Amtor) that make it difficult to do on a PC. There are sound card Pactor programs that run under DOS. I don't think anyone has been able to accomplish it running under Windows because Windows doesn't give good control over the timing of events.

1054. TS 2000 and RTTY via PK232MBX ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 18:32:28 UTC
From: Ole Lundsgaard <ol.consult@teknik.dk>
Message-ID: <3B0024BC.D5FC1C18@teknik.dk>
Source record: 8642

Hello out there!

Has anyone been able to make the TS-2000 work (FSK-mode) on RTTY with the PK232MBX via ACC2. I've had a TS-870 before and it worked just fine (with the J7 FSK connected to the FSK input) alas this input is not on the TS-2000. Also when working via USB/LSB it's possible to work RTTY but the upstart is so slow (about 5 sec.) before full output, that it's useless!

Any help will be appreciated!
--
Med venlig hilsen/regards
OZ2QL
Ole Lundsgaard
Egensegaardsvej 10
DK-5450 Otterup
Tlf: +45 64824993 (+45 21754993)
Http://www.olconsult.dk

1055. MixW 2.0 Version RC4 now available with MT63 and SSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-14 23:59:40 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9dpri2$50t$1@bob.news.rcn.net>
Source record: 8643

Hi Fellow Warblers.. I must apologize for typing in the new URL and forgetting to add the tilde in the appropriate spot. I made a mistake in tying in the URL for our Website which should have read : www.nvbb.net/~jaffejim/mixpage.htm some how the "Tilde" was left out.. The new website address for both DigiPan and MixW software is www.nvbb.net/~jaffejim/mixwpage.htm or for DigiPan it would read www.nvbb.net/~jaffejim/digipan.htm the home page of the site is: www.nvbb.net/~jaffejim and from there you can scroll down the page to the various Icons and get to any page you like. You can also go to www.qrz.com and the website and email addresses are always posted there and kept up to date..
We have released the next version of our Shareware PSK software titled MixW 2.0 RC#4 now with MFSK and MT63 which replaces our previous version 1.45. MixW
now uses the same easy to learn interface as our FREEWARE DigiPan. Unlike DigiPan which can only do
PSK/QPSK, MixW can do ALL the Digital modes including MFSK, Throb, Hellschreiber, FSK31, PSK, QPSK and then RTTY all shifts all speeds, CW, FAX, Packet HF and VHF, Amtor FEC mode, Pactor FEC mode plus contest logging and regular logging.. SSTV send and receive and now with MT63 go to the website and download
a copy and try it out for yourself.. MixW uses the same easy pull down menus and all the macros are displayed on the function keys and there is no need to read those boring manuals written in computer Tech Talk. Nothing to really memorize.. just boot up the program and fill in the "Personal Data" in the Configuration file and you're on the air with the very best program ever written for the Digital modes.. 73 and enjoy.. Jim, WA2VOS

1056. Pointer to Macintosh Ham Software List

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-15 10:58:44 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-893F26.06584415052001@enews.newsguy.com>
Source record: 8644

http://www.qsl.net/wd1v/Page7.html

--
JS
http://www.qsl.net/wd1v

1057. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-16 01:52:56 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <H4IM6.27775$TW.132369@tor-nn1.netcom.ca>
Source record: 8645

The best PACTOR sound card program is RITTY version 2.38 by K6STI. It also does RTTY. (But the later versions of RITTY only do RTTY).

RITTY is a DOS program. I believe that Brain K6STI still sells licences for the old version 2.38 for RTTY and PACTOR.

Rob

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message news:tfvkkjfgr50g7a@corp.supernews.com...
> > From what I have heard, there is no "soundcard" driven softweare
> that
> > can do pactor, packet, or any of the modes that has error cqn
> > builtin.
>
> Its not a matter of error checking, it's the critical timing of the
> ARQ modes (such as Pactor and Amtor) that make it difficult to do on a
> PC. There are sound card Pactor programs that run under DOS. I don't
> think anyone has been able to accomplish it running under Windows
> because Windows doesn't give good control over the timing of events.
>
>
>

1058. FT-817--PSK???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-16 04:46:34 UTC
From: ebruchac@aol.comnojunk
Message-ID: <20010516004634.02263.00003433@ng-da1.aol.com>
Source record: 8646

Anyone using the Yaesu FT-817 for PSK? Any problems with duty cycle and/or drifting?

Ed N4ZUM
" I believe in equality for everyone.Except for Photographers and Reporters."
--I.Ghandi

Remove the,"nojunk" to email.

1059. Re: TS 2000 and RTTY via PK232MBX ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-16 09:18:12 UTC
From: Ole Lundsgaard <ol.consult@teknik.dk>
Message-ID: <3B0245D4.76F96FF7@teknik.dk>
Source record: 8647

Ole Lundsgaard wrote:
>
> Hello out there!
>
> Has anyone been able to make the TS-2000 work (FSK-mode) on RTTY with
> the PK232MBX via ACC2. I've had a TS-870 before and it worked just fine
> (with the J7 FSK connected to the FSK input) alas this input is not on
> the TS-2000. Also when working via USB/LSB it's possible to work RTTY
> but the upstart is so slow (about 5 sec.) before full output, that it's
> useless!
>
> Any help will be appreciated!

Sorry! I guess I have to get new glasses! I owerlooked pin 2 in ACC2, so
now FSK works just fine. But I still have the slow upstart problem!
Aby help on that issue will be appreciated!

--
Med venlig hilsen/regards

Ole Lundsgaard
Egensegaardsvej 10
DK-5450 Otterup
Tlf: +45 64824993 (+45 21754993)
Http://www.olconsult.dk

1060. hamscope

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-16 12:53:52 UTC
From: John Caramatti <k2bka@iusadatanet.net>
Message-ID: <vht4gtkhm18e9oqg55kbena37h8b9a6fv8@4ax.com>
Source record: 8648

I am running HamScope and I like it very much, In the Spectrum mode I
have two traces displayed in two different colors, orange and green,
both look like receive signals but nowhere in the documentation does
it explain the traces.
Thanks, John k2bka

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1061. SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-17 12:34:59 UTC
From: "Leland S. Van Koten" <vankoten@home.com>
Message-ID: <TzPM6.2451$G5.630663@news1.rdc1.md.home.com>
Source record: 8649

Is anyone familiar with this product? From their web site, it sounds like it probably has more versatility than anything else out there, but it certainly isn't cheap, and I can't locate any reviews of it (although I have sent them an email asking for references).

I have no experience using the digital modes with a sound card, and the only time I operated the digital modes was a number of years ago with an MFJ Multi-mode unit that got fried in a lightning strike and was never replaced. I certainly hear a lot of what sounds like PSK on the bands, and the prospect of software that could function both to operate in the digital modes and to enhance reception through DSP is an attractive one -- if it works.

Thanks.

Lee, KE3FB

1062. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-17 12:39:18 UTC
From: "Leland S. Van Koten" <vankoten@home.com>
Message-ID: <WDPM6.2452$G5.632200@news1.rdc1.md.home.com>
Source record: 8650

By the way, here is a link to the website for this product:

http://www.skysweep.com/skysweep.html

Lee, KE3FB

1063. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-17 21:13:42 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B043F06.FA122F6E@dialpoint.net>
Source record: 8652

I have not used this product, but to get your feet wet in the digital
modes there are plenty of very nice free ones at the following:

http://www.muenster.de/%7Ewelp/sb.htm

I have used several and they work very well. Digipan is nice for psk31,
mmtty is very nice for RTTY. MMSSTV is good for SSTV.
To receive all you need to do is plug the audio from the receiver
speaker in the sound card and to transmitt you go from the sound card
speaker with a resistor network of about 100K and a 1K resistor to the
audio in of the transmitter.

"Leland S. Van Koten" wrote:
>
> Is anyone familiar with this product? From their web site, it sounds like
> it probably has more versatility than anything else out there, but it
> certainly isn't cheap, and I can't locate any reviews of it (although I have
> sent them an email asking for references).
>
> I have no experience using the digital modes with a sound card, and the only
> time I operated the digital modes was a number of years ago with an MFJ
> Multi-mode unit that got fried in a lightning strike and was never replaced.
> I certainly hear a lot of what sounds like PSK on the bands, and the
> prospect of software that could function both to operate in the digital
> modes and to enhance reception through DSP is an attractive one -- if it
> works.
>
> Thanks.
>
> Lee, KE3FB

1064. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-17 21:53:34 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <fMXM6.28255$TW.134577@tor-nn1.netcom.ca>
Source record: 8651

Skysweeper has been around for awhile but I have not heard many stations use it.

There are lots of GOOD FREEWARE single mode sound cards programs such as Digipan for PSK31, STREAM for MFSK and MMTTY for RTTY. They work great and you can't beat the price.

If you are looking for a GOOD MULTI MODE sound card program, check out MixW and Hamscope.

MixW does MANY modes including PSK31, MT63, SSTV, RTTY etc but it is SHAREWARE. Hamscope does RTTY, ASCII, PSK31, MFSK and CW. It is FREEWARE.

For MixW version 2.0 beta 4 see http://tav.kiev.ua/~nick/mixw2/MixW2rc4.htm
For Hamscope, see http://users.mesatop.com/~ghansen/

73's
Rob

"Leland S. Van Koten" <vankoten@home.com> wrote in message news:TzPM6.2451$G5.630663@news1.rdc1.md.home.com...
> Is anyone familiar with this product? From their web site, it sounds like
> it probably has more versatility than anything else out there, but it
> certainly isn't cheap, and I can't locate any reviews of it (although I have
> sent them an email asking for references).
>
> I have no experience using the digital modes with a sound card, and the only
> time I operated the digital modes was a number of years ago with an MFJ
> Multi-mode unit that got fried in a lightning strike and was never replaced.
> I certainly hear a lot of what sounds like PSK on the bands, and the
> prospect of software that could function both to operate in the digital
> modes and to enhance reception through DSP is an attractive one -- if it
> works.
>
> Thanks.
>
> Lee, KE3FB
>
>

1065. Initializing KAM'98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-18 01:40:32 UTC
From: Robert Joshua Chen <rjchen@Stanford.EDU>
Message-ID: <9e1uig$dq3$1@nntp.Stanford.EDU>
Source record: 8653

I'm having trouble initializing my KAM'98 (v. 8.3). With Pacterm 2.0, it gets hung up on the autobaud routine. I've tried a hard reset to no avail and the serial connector seems to be wired correctly. I'm not sure what else to try; presently, I can't do anything with it until it's initialized. Any suggestions would be appreciated.

Thanks in advance,
-Robert
--

1066. FS: KAM Plus 8.0 and MFJ TNC-Microphone switch

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-18 04:39:57 UTC
From: fredez2@airmail.net
Message-ID: <A8DA1B53E12AE692.35B2B423C19260DF.CF52EF5A76DE6F8E@lp.airnews.net>
Source record: 8654

FOR SALE: KAM PLUS W/ POWER SUPPLY AND MFJ SWITCH, CABLES AND MANUALS. $235 plus shipping. FRED, W5HTR, 972-231-7511 or email at fredez2@airmail.net.

1067. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-18 18:52:59 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <fceN6.1453$8q.58479@news.kpnqwest.fi>
Source record: 8655

I am registered user of Skysweeper and I have to say it's really powerful
software.
Perhaps it is not ideal for the beginners, but it is very useful for
experienced amateurs and professionals.
With SkySweeper you can build the receiver and transmitter architecture you
want (design filters and add spectrum analyzers, sine wave generators etc).

It currently supports many modes and I have heard, that the next versions of
Skysweeper will support MFSK16, MT63, MIL-STD, ACARS and chat box etc as
well.

-artsi

Rob <Pse@NoEmail.Com> wrote in message
news:fMXM6.28255$TW.134577@tor-nn1.netcom.ca...
> Skysweeper has been around for awhile but I have not heard many stations
use
> it.
>
> There are lots of GOOD FREEWARE single mode sound cards programs such as
> Digipan for PSK31, STREAM for MFSK and MMTTY for RTTY. They work great
and
> you can't beat the price.
>
> If you are looking for a GOOD MULTI MODE sound card program, check out
MixW
> and Hamscope.
>
> MixW does MANY modes including PSK31, MT63, SSTV, RTTY etc but it is
> SHAREWARE. Hamscope does RTTY, ASCII, PSK31, MFSK and CW. It is
FREEWARE.
>
> For MixW version 2.0 beta 4 see
http://tav.kiev.ua/~nick/mixw2/MixW2rc4.htm
> For Hamscope, see http://users.mesatop.com/~ghansen/
>
> 73's
> Rob
>
> "Leland S. Van Koten" <vankoten@home.com> wrote in message
> news:TzPM6.2451$G5.630663@news1.rdc1.md.home.com...
> > Is anyone familiar with this product? From their web site, it sounds
like
> > it probably has more versatility than anything else out there, but it
> > certainly isn't cheap, and I can't locate any reviews of it (although I

> have
> > sent them an email asking for references).
> >
> > I have no experience using the digital modes with a sound card, and the
> only
> > time I operated the digital modes was a number of years ago with an MFJ
> > Multi-mode unit that got fried in a lightning strike and was never
> replaced.
> > I certainly hear a lot of what sounds like PSK on the bands, and the
> > prospect of software that could function both to operate in the digital
> > modes and to enhance reception through DSP is an attractive one -- if it
> > works.
> >
> > Thanks.
> >
> > Lee, KE3FB
> >
> >
>
>

1068. PEST web site back online.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-18 18:55:20 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9e3r4f029pr@enews3.newsguy.com>
Source record: 8656

http://www.the-i.net/~n5pvl

Articles about Packet Radio, with an extensive section devoted to FlexNet.

73 DE Charles, N5PVL

1069. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-18 21:34:13 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <7AgN6.28556$TW.136143@tor-nn1.netcom.ca>
Source record: 8657

I must admit that Skysweeper looks interesting. But it appears that it ONLY will TRANSMIT in three modes -- CW, RTTY and PSK31. If I am wrong, someone please correct me.

MixW and Hamscope transmit in more modes. (and Hamscope is FREE).

Skysweeper looks great for the SWL operator but for the Ham radio operator I have my doubts whether it is worth spending the $$$.

73's
Rob

"Arto Peltomaki" <artsi@estla.pp.fi> wrote in message
news:fceN6.1453$8q.58479@news.kpnqwest.fi...
> I am registered user of Skysweeper and I have to say it's really powerful
> software.
> Perhaps it is not ideal for the beginners, but it is very useful for
> experienced amateurs and professionals.
> With SkySweeper you can build the receiver and transmitter architecture
you
> want (design filters and add spectrum analyzers, sine wave generators
etc).
>
> It currently supports many modes and I have heard, that the next versions
of
> Skysweeper will support MFSK16, MT63, MIL-STD, ACARS and chat box etc as
> well.
>
> -artsi
>
>
>
>
> Rob <Pse@NoEmail.Com> wrote in message
> news:fMXM6.28255$TW.134577@tor-nn1.netcom.ca...
> > Skysweeper has been around for awhile but I have not heard many stations
> use
> > it.
> >
> > There are lots of GOOD FREEWARE single mode sound cards programs such as
> > Digipan for PSK31, STREAM for MFSK and MMTTY for RTTY. They work great
> and
> > you can't beat the price.
> >
> > If you are looking for a GOOD MULTI MODE sound card program, check out

> MixW
> > and Hamscope.
> >
> > MixW does MANY modes including PSK31, MT63, SSTV, RTTY etc but it is
> > SHAREWARE. Hamscope does RTTY, ASCII, PSK31, MFSK and CW. It is
> FREEWARE.
> >
> > For MixW version 2.0 beta 4 see
> http://tav.kiev.ua/~nick/mixw2/MixW2rc4.htm
> > For Hamscope, see http://users.mesatop.com/~ghansen/
> >
> > 73's
> > Rob
> >
> > "Leland S. Van Koten" <vankoten@home.com> wrote in message
> > news:TzPM6.2451$G5.630663@news1.rdc1.md.home.com...
> > > Is anyone familiar with this product? From their web site, it sounds
> like
> > > it probably has more versatility than anything else out there, but it
> > > certainly isn't cheap, and I can't locate any reviews of it (although
I
> > have
> > > sent them an email asking for references).
> > >
> > > I have no experience using the digital modes with a sound card, and
the
> > only
> > > time I operated the digital modes was a number of years ago with an
MFJ
> > > Multi-mode unit that got fried in a lightning strike and was never
> > replaced.
> > > I certainly hear a lot of what sounds like PSK on the bands, and the
> > > prospect of software that could function both to operate in the
digital
> > > modes and to enhance reception through DSP is an attractive one -- if
it
> > > works.
> > >
> > > Thanks.
> > >
> > > Lee, KE3FB
> > >
> > >
> >
> >
>
>

1070. Re: hamscope

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-19 01:48:30 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B05D0A9.11946C@att.net>
Source record: 8658

The upper trace is an average of the data on the lower trace. Takes a lot
of the time-jitter out so that you can get a better idea of the true signal
spectra.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John Caramatti wrote:
>
> I am running HamScope and I like it very much, In the Spectrum mode I
> have two traces displayed in two different colors, orange and green,
> both look like receive signals but nowhere in the documentation does
> it explain the traces.
> Thanks, John k2bka

1071. Looking for Linux AX.25 info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-19 02:42:43 UTC
From: pete@pete6.pjrnet.com
Message-ID: <3b05dd98.19b1$338@news.op.net>
Source record: 8659

Can anyone tell me where the latest information for using 2.2 Linux
Kernel with AX25 is hiding?

I have been running AX25 on an older 2.0 kernel and I need to move
it all to a system that is running 2.2.19 Kernel.

The Latest AX25 HOWTO that I could find was several years old and only
covered the 2.0 Kernel configuration.

Pete Rossi - WA3NNA
pete@pjrnet.com

1072. Re: Initializing KAM'98

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-19 04:09:42 UTC
From: Robert Joshua Chen <rjchen@Stanford.EDU>
Message-ID: <9e4rm6gkn1@nntp.Stanford.EDU>
Source record: 8660

I actually figured it out; I just used another terminal program (buxterm)
and it worked fine...

-Robert

Robert Joshua Chen <rjchen@stanford.edu> wrote:
: I'm having trouble initializing my KAM'98 (v. 8.3). With Pacterm 2.0, it
: gets hung up on the autobaud routine. I've tried a hard reset to no avail
: and the serial connector seems to be wired correctly. I'm not sure what
: else to try; presently, I can't do anything with it until it's
: initialized. Any suggestions would be appreciated.

: Thanks in advance,
: -Robert
: --

--

1073. Re: Looking for Linux AX.25 info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-19 07:22:39 UTC
From: Michael Wuensche <dl8fbh@dl8fbh.ampr.org>
Message-ID: <9e56vvnib1@dl8fbh.ampr.org>
Source record: 8661

Pete Rossi <pete@pete6.pjrnet.com> wrote:

> Can anyone tell me where the latest information for using 2.2 Linux
> Kernel with AX25 is hiding?

> I have been running AX25 on an older 2.0 kernel and I need to move
> it all to a system that is running 2.2.19 Kernel.

> The Latest AX25 HOWTO that I could find was several years old and only
> covered the 2.0 Kernel configuration.

You need 3 packages: libax25-0.0.7, ax25-tools-0.0.6, ax25-apps-0.0.4
There are some newer unstable versions.
Redhat, Debian and Slackware offer the packages on their sites.
Configuration and apps are mostly the same like old ax25-utils.

Michael
--
44.130.24.127 --> dl8fbh-10, http://dl8fbh.ampr.org
BOX: db0lj.#rpl.deu.eu AX-ROUTE: via db0gv-7 8

1074. Re: Looking for Linux AX.25 info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-19 19:23:54 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10105191923590.25444-100000@exp.bde-arc.ampr.org>
Source record: 8662

On Sat, 19 May 2001, Pete Rossi wrote:
> Can anyone tell me where the latest information for using 2.2 Linux
> Kernel with AX25 is hiding?
>
> I have been running AX25 on an older 2.0 kernel and I need to move
> it all to a system that is running 2.2.19 Kernel.
>
> The Latest AX25 HOWTO that I could find was several years old and only
> covered the 2.0 Kernel configuration.

From the kernel's point of view, no difference. Simply compile and install.

1075. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 02:53:50 UTC
From: n8blk@aol.com
Message-ID: <20010519225350.18977.00001299@nso-fa.aol.com>
Source record: 8663

In article <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>,
cammeres@spam_be_gone.uiuc.edu (Sidney Cammeresi) writes:

>how come with 2.4 kernels i don't see an option for soundmodem support?
>

I don't know why you don't. I certainly saw one with linux-2.4.4 when I was configuring. Please note that you do have to select Amateur Radio support as a module apparently, however it's still there.
-art clemons-

1076. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 03:13:36 UTC
From: John <jca1954@iprimus.com.au>
Message-ID: <3b073517@news.iprimus.com.au>
Source record: 8664

the link is dead !
"Jim Jaffe" <jaffejim@drugteach.org> wrote in message
news:9dkvgupcb1@bob.news.rcn.net...
> Hi Fellow Warblers.. for your information MixW 2.0 RC#2 our Shareware
> Version of OUR FREEWARE DigiPan is now posted on our Website.. the URL is:
> www.nvbb.net/jaffejim/mixwpage.htm Unlike our FREEWARE DigiPan, MixW 2.0
> RC#2 does all the Digital modes including the old favorites such as CW,
RTTY
> FAX Pactor FEC and Amtor FEC plus SSTV and MFSK QPSK, BPSK Hellschreiber
and
> Throb. Feature the same easy pull down menus as our FREEWARE DigiPan so
the
> learning curve is very minimal.nothing really to memorize has full contest
> logging high speed normal logging CAT and Rotator control. You can
download
> and test out the program and see for your self.. Please again make note of
> the new website as the old URL has been changed. Best 73 and Happy
> Warbling.. Jim, WA2VOS
>
>
>
>

1077. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 04:21:42 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9e7gom$55v$0@216.39.171.5>
Source record: 8665

On 20 May 2001 02:53:50 GMT, Art Clemons wrote:
> In article <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>,
> cammeres@spam_be_gone.uiuc.edu (Sidney Cammeresi) writes:
>
>>how come with 2.4 kernels i don't see an option for soundmodem support?
>>
>
> I don't know why you don't. I certainly saw one with linux-2.4.4 when I was
> configuring. Please note that you do have to select Amateur Radio support as a
> module apparently, however it's still there.
> -art clemons-

Soundmodem support in the kernel is no longer necessary.

Tom Sailer, HB9JNX has rewritten the soundmodem code so that it is now a
user-mode program and not part of the kernel. It uses the normal sound
card drivers and therefore supports a much larger number of cards.

See http://www.baycom.org/~tom/ham/soundmodem for the new version.

73, Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1078. Re: hamscope

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 12:55:32 UTC
From: John Caramatti <k2bka@iusadatanet.net>
Message-ID: <djffgt8m4tfvn56j1am7pu2qbvm2unfhae@4ax.com>
Source record: 8666

On Sat, 19 May 2001 01:48:30 GMT, "George, W5YR" <w5yr@att.net> wrote:

>The upper trace is an average of the data on the lower trace. Takes a lot
>of the time-jitter out so that you can get a better idea of the true signal
>spectra.
>
>72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
>Amateur Radio W5YR, in the 55th year and it just keeps getting better!
>Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
>John Caramatti wrote:
>>
>> I am running HamScope and I like it very much, In the Spectrum mode I
>> have two traces displayed in two different colors, orange and green,
>> both look like receive signals but nowhere in the documentation does
>> it explain the traces.
>> Thanks, John k2bka

George, thanks for the Info.

73, John

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http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1079. Re: hamscope

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 12:58:47 UTC
From: John Caramatti <k2bka@iusadatanet.net>
Message-ID: <apffgt8mfemclegpvi9ovttdmram75ojhe@4ax.com>
Source record: 8667

On Sat, 19 May 2001 01:48:30 GMT, "George, W5YR" <w5yr@att.net> wrote:

>The upper trace is an average of the data on the lower trace. Takes a lot
>of the time-jitter out so that you can get a better idea of the true signal
>spectra.
>
>72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
>Amateur Radio W5YR, in the 55th year and it just keeps getting better!
>Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
>John Caramatti wrote:
>>
>> I am running HamScope and I like it very much, In the Spectrum mode I
>> have two traces displayed in two different colors, orange and green,
>> both look like receive signals but nowhere in the documentation does
>> it explain the traces.
>> Thanks, John k2bka

Thanks George for the Info.

73, John

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1080. Re: radio stations for sale

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 13:46:32 UTC
From: AB2HR <ab2hr@arrl.net>
Message-ID: <u6jfgtcotim9qtm95askdb9226mhhb8clv@4ax.com>
Source record: 8668

On 20 May 2001 12:12:03 GMT, radio1059@aol.com (Radio1059) wrote:

>Facility: WTAL AM 1450 kHz 1 kW Unlimited Non-directional
>Location: Florida
>Market: Tallahassee
>Price: $650,000.00 Cash
>Status: Currently For Sale | click for details
>
>
>
>Facility: WJHW FM 101.9 mHz 6 kW at 359 AAT
>Location: Georgia
>Market: Bainbridge
>Price: $750,000.00 Cash
>Status: Currently For Sale | click for details
>go to www.buysellradio.com

You obviously are oblivious to the definition of the phrase Amateur
Radio.

Raymond Sirois AB2HR
SysOp: The Lost Chord BBS
607-733-5745
telnet: 24.95.131.236:6000

1081. Re: radio stations for sale

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 15:06:19 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <L3RN6.31767$t12.2427122@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8669

"AB2HR" <ab2hr@arrl.net> wrote in message
news:u6jfgtcotim9qtm95askdb9226mhhb8clv@4ax.com...
> On 20 May 2001 12:12:03 GMT, radio1059@aol.com (Radio1059) wrote:
>
> >Facility: WTAL AM 1450 kHz 1 kW Unlimited Non-directional
> >Location: Florida
> >Market: Tallahassee
> >Price: $650,000.00 Cash
> >Status: Currently For Sale | click for details

Excellent potential for a strong signal on 160M.
Some modification required.

> >Facility: WJHW FM 101.9 mHz 6 kW at 359 AAT
> >Location: Georgia
> >Market: Bainbridge
> >Price: $750,000.00 Cash
> >Status: Currently For Sale | click for details
> >go to www.buysellradio.com

Probably not very useful except for parts.
Tower might support large 2M array, and the transmitter
might be modified for that band?

> You obviously are oblivious to the definition of the phrase Amateur
> Radio.

--

... Hank

http://horedson.home.att.net

1082. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-20 21:44:57 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <ftd9e9.n5u.ln@news.freeserve.net>
Source record: 8670

Bob Nielsen wrote:

> On 20 May 2001 02:53:50 GMT, Art Clemons wrote:
>> In article <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>,
>> cammeres@spam_be_gone.uiuc.edu (Sidney Cammeresi) writes:
>>
>>>how come with 2.4 kernels i don't see an option for soundmodem support?
>>>
>>
>> I don't know why you don't. I certainly saw one with linux-2.4.4 when I
>> was
>> configuring. Please note that you do have to select Amateur Radio
>> support as a module apparently, however it's still there.
>> -art clemons-
>
> Soundmodem support in the kernel is no longer necessary.
>
> Tom Sailer, HB9JNX has rewritten the soundmodem code so that it is now a
> user-mode program and not part of the kernel. It uses the normal sound
> card drivers and therefore supports a much larger number of cards.
>
> See http://www.baycom.org/~tom/ham/soundmodem for the new version.
>
> 73, Bob

Is there any documentation for/with it yet? Last time I looked I couldn't
even find out what it was capable of never mind how you got it to do it.

--
Robin

1083. Re: radio stations for sale

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 01:01:56 UTC
From: Rick <tugs@earthlink.net>
Message-ID: <3B086876.94047DFF@earthlink.net>
Source record: 8671

>>"You obviously are oblivious to the definition of the phrase Amateur Radio. "<<

You obviously have never listened to local stations in the deep south
... it doesn't get much more amateur 8-)

Rick K7TUG

1084. Warbler Help in Northern VA needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 03:02:04 UTC
From: "Lee S. Mairs" <lmaairs@cox.rr.com>
Message-ID: <My%N6.45721$Pp1.13354147@typhoon.southeast.rr.com>
Source record: 8672

I'm having trouble getting my NJQRP Warbler to work. I suspect it may be the antenna has been overcome by vines since I can't copy much on 75 meters at all around 3582. Heard a W8 calling CQ on my good rig, buy couldn't copy him on the warbler. Can any buddy local give me a hand?
73 de KM4YY
Lee in Falls Church,VA

1085. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 06:35:29 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9eacvhaqn0@216.39.171.5>
Source record: 8673

On Sun, 20 May 2001 22:44:57 +0100, Robin Gilks wrote:
> Bob Nielsen wrote:
>
>> On 20 May 2001 02:53:50 GMT, Art Clemons wrote:
>>> In article <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>,
>>> cammeres@spam_be_gone.uiuc.edu (Sidney Cammeresi) writes:
>>>
>>>>how come with 2.4 kernels i don't see an option for soundmodem support?
>>>>
>>>
>>> I don't know why you don't. I certainly saw one with linux-2.4.4 when I
>>> was
>>> configuring. Please note that you do have to select Amateur Radio
>>> support as a module apparently, however it's still there.
>>> -art clemons-
>>
>> Soundmodem support in the kernel is no longer necessary.
>>
>> Tom Sailer, HB9JNX has rewritten the soundmodem code so that it is now a
>> user-mode program and not part of the kernel. It uses the normal sound
>> card drivers and therefore supports a much larger number of cards.
>>
>> See http://www.baycom.org/~tom/ham/soundmodem for the new version.
>>
>> 73, Bob
>
> Is there any documentation for/with it yet? Last time I looked I couldn't
> even find out what it was capable of never mind how you got it to do it.
>
> --
> Robin
>
>

Yeah, I noticed that also. I downloaded the tarball, but haven't yet
tried to do anything with it.

Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1086. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 12:46:36 UTC
From: Howard Fuhs <hfuhs@debitel.net>
Message-ID: <3B090E2C.3FFCA85D@debitel.net>
Source record: 8674

"Leland S. Van Koten" wrote:

> Is anyone familiar with this product?

Yes, I did a product review for a publishing company and tested SkySweeper against competitor products. SkySweeper has got the best rating for their analyzing/decoding posibilities and their graphical user interface. The only products capable of decoding more digimods are Hoka Code 3 products with a much higher price (1000 DM and up) and a simple DOS user interface which is not that good. If you do not need that many digimods to decode SkySweeper is up to now #1 ranking product for analyzing and decoding. Simply download the test version of SkySweeper and test it.

Regards from Germany
Howard

1087. Looking for Freqs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 14:28:03 UTC
From: Victor Beaulieu <oas2@mindspring.com>
Message-ID: <9eb8t9$9pu$1@slb2.atl.mindspring.net>
Source record: 8675

I'm new to this. I have worn out my search engine and printer d/loading
RTTY, Fax station..etc freqs and they are all from the mid 90's.
I'm in Atlanta and need to find some currently active freqs to decode. Any
help would be appreciated.

1088. Is packet still alive in Cincinnati?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 19:42:24 UTC
From: caheaton@my-deja.com
Message-ID: <d0372cf9.0105211142.1576ae0f@posting.google.com>
Source record: 8676

Hello....I'm just returning to Ham radio after a 5 year lull (although I have
had occasional contacts during the lull, primarily on 10 and 2 meters mobile).
I've just recently connected my old TNC to my 2 meter HT and am surprised at the dearth (to put it lightly...I've received NO signals to date) of activity in packet. The last time I used packet it was still fairly active.
I've been monitoring both 144.95 and 145.05 but no signal yet. Which frequencies are most active in the Cincinnati area? I used to hang out on the above frequencies as they were fairly busy but not too busy. Granted, my setup isn't optimal. I'm using an Alinco DJ-560 with an AEA 5/8 wave telescoping whip as my rig and antenna, but given that I live on the third floor (top) floor of our apartment building, I would expect to receive at least the occasional signal. Has packet been replaced by the internet to this degree? I hope not...I miss getting the ham news via packet and hooking up with the occasional ham for a 'live' one on one chat.
Craig KB8FGC

1089. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-21 22:15:15 UTC
From: afrb2@cus.cam.ac.uk
Message-ID: <9ec41j$sr4$1@pegasus.csx.cam.ac.uk>
Source record: 8677

In article <9eacvhaqn0@216.39.171.5>,
Bob Nielsen <nielsen@remove_this.oz.net> wrote:
>On Sun, 20 May 2001 22:44:57 +0100, Robin Gilks wrote:
>> Bob Nielsen wrote:
>>
>>> On 20 May 2001 02:53:50 GMT, Art Clemons wrote:
>>>> In article <o0hL6.5860$ki5.78815@vixen.cso.uiuc.edu>,
>>>> cammeres@spam_be_gone.uiuc.edu (Sidney Cammeresi) writes:
>>>>
>>>>>how come with 2.4 kernels i don't see an option for soundmodem support?
>>>>>
>>>>
>>>> I don't know why you don't. I certainly saw one with linux-2.4.4 when I
>>>> was
>>>> configuring. Please note that you do have to select Amateur Radio
>>>> support as a module apparently, however it's still there.
>>>> -art clemons-
>>>
>>> Soundmodem support in the kernel is no longer necessary.
>>>
>>> Tom Sailer, HB9JNX has rewritten the soundmodem code so that it is now a
>>> user-mode program and not part of the kernel. It uses the normal sound
>>> card drivers and therefore supports a much larger number of cards.
>>>
>>> See http://www.baycom.org/~tom/ham/soundmodem for the new version.
>>>
>>> 73, Bob
>>
>> Is there any documentation for/with it yet? Last time I looked I couldn't
>> even find out what it was capable of never mind how you got it to do it.
>>
>> --
>> Robin
>>
>>
>
>Yeah, I noticed that also. I downloaded the tarball, but haven't yet
>tried to do anything with it.

I've compiled it anf got it working on an old PC. As indicated the documentation
was totally absent, and worst of all it required me to compile all of the
following other packages to _compile_ it:

X11 and libraries (!)[The shack PC doesn't run X11 it uses an ethernet
card to my usual HPUX workstation from which I administer all]

GTK 1.2 (!!)
libxml
GNU Autoconf (configure didn't work out of the box)
audiofile library

I used about 500Mb of disk space in doing so. You can avoid the X11 parts
if you have an example soundmodem.conf file, so here's mine:

```
<?xml version="1.0"?>
<modem>
<configuration name="mine">
<chaccess txdelay="150" slottime="100" ppersist="40" fulldup="0" txtail="10"/>
<audio type="soundcard" device="/dev/dsp" halfdup="0"/>
<ptt file="/dev/ttyS0"/>
<channel name="Channel 0">
<mod mode="fsk" bps="9600"/>
<demod mode="fsk" bps="9600"/>
<pkt mode="MKISS" ifname="sm0" hwaddr="M5AIQ" ip="10.0.0.1" netmask="255.255.255.0"
broadcast="10.0.0.255"/>
</channel>
</configuration>
</modem>
```

Dummy IP address left deliberately :-)

Despite these complaints it works much better than the kernel mode stuff
which I had no end of trouble with. Documentation, non-use of XML for the
conf file and making the GTK stuff optional would make it a very good suite!

Alan Bain
M5AIQ

1090. Re: Is packet still alive in Cincinnati?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 01:00:07 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tgjed8hqb0qv44@corp.supernews.com>
Source record: 8678

Craig,

To my knowledge, all activity is now on 145.01. Try and connect.

Regards,

WB8NUT (Anderson Township)

"Craig KB8FGC" <caheaton@my-deja.com> wrote in message
news:d0372cf9.0105211142.1576ae0f@posting.google.com...
> Hello....I'm just returning to Ham radio after a 5 year lull (although
> I have
> had occasional contacts during the lull, primarily on 10 and 2 meters
> mobile).
> I've just recently connected my old TNC to my 2 meter HT and am
> surprised at the dearth (to put it lightly...I've received NO signals
> to date) of activity in packet. The last time I used packet it was
> still fairly active.
> I've been monitoring both 144.95 and 145.05 but no signal yet. Which
> frequencies are most active in the Cincinnati area? I used to hang
> out on the above frequencies as they were fairly busy but not too
> busy. Granted, my setup isn't optimal. I'm using an Alinco DJ-560
> with an AEA 5/8 wave telescoping whip as my rig and antenna, but given
> that I live on the third floor (top) floor of our apartment building,
> I would expect to receive at least the occasional signal. Has packet
> been replaced by the internet to this degree? I hope not...I miss
> getting the ham news via packet and hooking up with the occasional ham
> for a 'live' one on one chat.
> Craig KB8FGC

1091. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 03:34:33 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B09DE49.6FF65F9E@dioxine.com>
Source record: 8679

"A.F.R. Bain" wrote:

[Excellent information about using a soundcard for packet on Linux]

> I used about 500Mb of disk space in doing so. You can avoid the X11 parts
> if you have an example soundmodem.conf file, so here's mine:

>
> <?xml version="1.0"?>
> <modem>
> <configuration name="mine">
> <chaccess txdelay="150" slottime="100" ppersist="40" fulldup="0" txtail="10"/>
> <audio type="soundcard" device="/dev/dsp" halfdup="0"/>
> <ptt file="/dev/ttyS0"/>
> <channel name="Channel 0">
> <mod mode="fsk" bps="9600"/>
> <demod mode="fsk" bps="9600"/>
> <pkt mode="MKISS" ifname="sm0" hwaddr="M5AIQ" ip="10.0.0.1" netmask="255.255.255.0"
broadcast="10.0.0.255"/>
> </channel>
> </configuration>
> </modem>
>
> Dummy IP address left deliberately :-)
>
> Despite these complaints it works much better than the kernel mode stuff
> which I had no end of trouble with. Documentation, non-use of XML for the
> conf file and making the GTK stuff optional would make it a very good suite!

Non-use of XML for configuration file would make it better?

How?

Dana K6JQ
dana@dioxine.com

1092. Re: Is packet still alive in Cincinnati?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 04:31:49 UTC
From: caheaton@my-deja.com
Message-ID: <d0372cf9.0105212031.3dee2966@posting.google.com>
Source record: 8680

Thanks for the tip. I think I found another reason for my trouble tonight. As it turns out, the battery in my HT has gone bad, so I was running the HT while the battery was plugged into it's charger. This was putting an AC hum onto the signal. Have now switched over to my old ICOM 2AT and a big battery. To connect to your station, is it simply WB8NUT, or would it be WB8NUT-x (where x is an integer)?
Thanks again,
Craig

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:<tgjed8hqb0qv44@corp.supernews.com>...
> Craig,
>
> To my knowledge, all activity is now on 145.01. Try and connect.
>
> Regards,
>
> WB8NUT (Anderson Township)

1093. Re: Looking for Freqs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 07:50:18 UTC
From: Mr Malcolm C Hedley <kayakkhan@bigpond.com>
Message-ID: <TGoO6.5518$hV3.7361@newsfeeds.bigpond.com>
Source record: 8681

Ok I don't know if you've tried these but I can vouch they are
current.....check out http://www.nws.noaa.gov/om/marine/radiofax.htm and
for schedules revised Jan 2001 try http://www.ominous-valve.com/ghfs.txt
Hope this helps..rgds mal
"Victor Beaulieu" <oas2@mindspring.com> wrote in message
news:9eb8t9$9pu$1@slb2.atl.mindspring.net...
> I'm new to this. I have worn out my search engine and printer d/loading
> RTTY, Fax station..etc freqs and they are all from the mid 90's.
> I'm in Atlanta and need to find some currently active freqs to decode.
Any
> help would be appreciated.
>
>

1094. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 09:57:38 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9gke0i.klj.nomail@linux.pe1chl.ampr.org>
Source record: 8682

Dana H. Myers <dana@dioxine.com> wrote:

>> Despite these complaints it works much better than the kernel mode stuff
>> which I had no end of trouble with. Documentation, non-use of XML for the
>> conf file and making the GTK stuff optional would make it a very good suite!

>Non-use of XML for configuration file would make it better?

>How?

Well, he is right in that the installation of these programs requires
a lot of software that normally isn't installed on the system. Maybe when
XML is more widely used, this is less of a problem.

I installed the AO-40 telemetry decoder Thomas wrote, and it was the same
ordeal. I had to go back to the system administration tool and install
yet more libraries at least 3 times.

Of course this all is a one-time hurdle. But I expect it is too much for
most of the users. That is a pity.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1095. FS KAM PLUS & MFJ TNC/MIC SWITCH

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 11:40:23 UTC
From: fredez2@airmail.net
Message-ID: <11754917D4DE1865.8086E2F1096FF156.6720E9869F95F703@lp.airnews.net>
Source record: 8683
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

FOR SALE: KAM PLUS, Ver 8.0P, (vhf and hf); cables, power supply; MFJ TNC/Mic switch. asking $225. 972-231-7511 or email fredez2@airmail.net.

1096. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 12:15:26 UTC
From: hamish@cloud.net.au
Message-ID: <yLsO6.3159$25.11196@news1.eburwd1.vic.optushome.com.au>
Source record: 8684

Dana H. Myers <dana@dioxine.com> wrote:
> Non-use of XML for configuration file would make it better?

Yes. It would make the configuration file editable by hand.
Presently you have to use a GTK+ app. My packet radio machine
has no local disk (NFS root file system) and has little CPU
power or RAM, so I don't want to run X apps on it particularly.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1097. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 13:15:24 UTC
From: magne@clustra.com
Message-ID: <m3r8xhmsnn.fsf@clustra.com>
Source record: 8685

hamish@cloud.net.au writes:

> Dana H. Myers <dana@dioxine.com> wrote:
> > Non-use of XML for configuration file would make it better?
>
> Yes. It would make the configuration file editable by hand.
> Presently you have to use a GTK+ app.

No, you don't.
XML-files are easily editable by hand. Below you can find
the configuration file I use for testing. It's easy to understand
and can be modified using vi, emacs, teco or your favourite editor :)

--Magne / la1bfa

```
<?xml version="1.0"?>
<modem>
<configuration name="la1bfa">
<chaccess txdelay="150" slottime="100" ppersist="40" fulldup="0"
txtail="10"/>
<audio type="soundcard" device="/dev/dsp" halfdup="0"/>
<ptt file="/dev/ttyS1"/>
<channel name="Channel 0">
<mod mode="afsk" bps="1200" f0="1200" f1="2200"/>
<demod mode="afsk" bps="1200" f0="1200" f1="2200"/>
<pkt mode="MKISS" ifname="ax0" hwaddr="LA1BFA" ip="44.141.70.1"
netmask="255.255.255.0" broadcast="44.141.70.0"/>
</channel>
</configuration>
</modem>
```

1098. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 13:25:19 UTC
From: Fred Carpenter <fcarpent@ibm.com>
Message-ID: <3NtO6.5528$CD5.2392684@news2.rdc2.tx.home.com>
Source record: 8686

Windows is a fad. VT-100 rules...
Command-Line or death...

Actually, if your "little CPU power" can't afford to run
Windows, it can't afford to run DSP either.

<hamish@cloud.net.au> wrote
> Dana H. Myers <dana@dioxine.com> wrote:
> > Non-use of XML for configuration file would make it better?
>
> Yes. It would make the configuration file editable by hand.
> Presently you have to use a GTK+ app. My packet radio machine
> has no local disk (NFS root file system) and has little CPU
> power or RAM, so I don't want to run X apps on it particularly.

1099. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 17:09:06 UTC
From: afrb2@cus.cam.ac.uk
Message-ID: <9ee6fi$48a$1@pegasus.csx.cam.ac.uk>
Source record: 8687

In article <3NtO6.5528$CD5.2392684@news2.rdc2.tx.home.com>,
Fred Carpenter <fcarpent@ibm.com> wrote:
>Windows is a fad. VT-100 rules...
>Command-Line or death...
>
>Actually, if your "little CPU power" can't afford to run
>Windows, it can't afford to run DSP either.

Sorry if I was unclear. The machine has plenty of CPU power, but it's using an old 270Mb disk and runs headless (i.e. no monitor attached). I didn't mean to sound unduely critical, but for what is essentially another network service, there shouldn't be a need for X11 to configure it. Nor should there be a need for there to be quite such an installation ordeal for code which should only be fussy about the sound system. I can configure vastly more complex systems like smail without needing a GUI. At the very least some documentation about the config file format would be helpful (or even an example); hence my example which I posted previously.

Alan
M5AIQ

1100. RICOHET INTERNET MOBLIE FREQ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 18:00:38 UTC
From: Bill N0MNB <N0MNB@MINN.NET>
Message-ID: <uOxO6.292$SM.13634@news.corpcomm.net>
Source record: 8688
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.swap

ANYONE KNOW WHAT FREQ THERE ON.
THANKS BILL

1101. Mandrake 8.0 and ax25

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 18:30:24 UTC
From: Garry <wbg@post.com>
Message-ID: <28bee9.hle.ln@sun.goldhill.co.uk>
Source record: 8689
Cross-posted to: rec.radio.amateur.digital.misc,uk.comp.os.linux

Has anyone managed to get the ax25 apps/tools to compile successfully on
Mandrake 8.0 ? gcc is v 2.96

I get a series of errors; for example, in compiling ax25-apps, I get

```
call.c:467: storage size of `ft' isn't known
call.c:495: warning: implicit declaration of function `mktime'
call.c:467: warning: unused variable `ft'
make[2]: *** [call.o] Error 1
make[2]: Leaving directory `/Radio/ax25-apps-0.0.4/call'
make[1]: *** [all-recursive] Error 1
make[1]: Leaving directory `/Radio/ax25-apps-0.0.4'
make: *** [all-recursive-am] Error 2
```

--
Garry

1102. PSK Warbler for 80 meters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 19:38:29 UTC
From: "Lee S. Mairs" <lmaairs@cox.rr.com>
Message-ID: <VezO6.52327$Pp1.15169781@typhoon.southeast.rr.com>
Source record: 8690

I'm having trouble getting my Warbler up and running. I seem to need more audio, and I can't get the trimmer capacitor to center up on 3881 mhz per the instructions. Frequency movement stops at 3881.3 mhz.
Can any give some hints off list?
Lmairs@cox.rr.com

1103. Re: RICOHET INTERNET MOBLIE FREQ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-22 20:42:42 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0105221242.650da23a@posting.google.com>
Source record: 8691

"Bill N0MNB" <N0MNB@MINN.NET> wrote in message
news:<uOxO6.292$SM.13634@news.corpcomm.net>...
> ANYONE KNOW WHAT FREQ THERE ON.
> THANKS BILL

Was it really necessary to spam every radio group?

It took less than two minutes to find that ricochet uses 900 MHz
and 2.4 GHz ISM bands with frequency-hopping spread spectrum.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1104. Re: RICOHET INTERNET MOBLIE FREQ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 03:15:20 UTC
From: John Bradley <k5mwe@austin.rr.com>
Message-ID: <cXFO6.18722$y_3.7121855@typhoon.austin.rr.com>
Source record: 8692
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.swap

Bill,

I think they are 902-928 MHz Part 15 spread spectrum devices (FH).

73, John

"Bill N0MNB" <N0MNB@MINN.NET> wrote in message
news:uOxO6.292$SM.13634@news.corpcomm.net...
> ANYONE KNOW WHAT FREQ THERE ON.
> THANKS BILL
>
>

1105. DR-150 Manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 05:54:09 UTC
From: "Brian C. Lane" <brian@nexuscomputing.com>
Message-ID: <EF72C27CE1FB6C84.196E2D53287AB76A.D5E1581F6EBAF834@lp.airnews.net>
Source record: 8693

I have an Alinco DR-150 setup here with Linux 2.2.19 (I'm currently watching APRS packets because I can't seem to find any Packet BBSes in the area). But I don't have a manual for the radio and I somehow turned on the channel scope function which puches holes in the audio and changes the way the display looks.

Does anyone have any idea how to turn off channel scope? Or where to get a copy of the manual (yes, I;ve tried the alinco website. They have all the manuals except the DR-150, just my luck).

Thanks,

Brian
KC7TYU

--
Brian C. Lane - Linux Programmer/Consultant/Writer www.brianlane.com
www.nexuscomputing.com
Liberty & Privacy 'zine Editor www.libertynews.org
==========
Criminals love gun control laws -- it makes their jobs safer.

1106. meridian satellite navigation unit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 07:44:19 UTC
From: stephen pearce <g_and_s_pearce@xtra.co.nz>
Message-ID: <3b0b6a53$1@zfree.co.nz>
Source record: 8694

Hi,
Does anyone have info on the Navigation Communication
Systems meridian satellite navigation hardware ... other trade name involved
is intech ... it is circa 1984 and has an 8085 micro processor board in in
connected to an amphenol connector backplane.

I believe the satellite system is now inactivated .. however the box has
a nice 16*2 lcd display , 16 key pad .. micro controller board and
a 5 MHx crystal oscillator .. all quite nice

I would like to use the micro and display/keypad and box to be the basis
of a receiver I wish to build ...

If anyone has info on the hardware or firmware please let me
know

Thanks

Stephen
zl1any

http://www.zfree.co.nz

1107. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 11:16:25 UTC
From: hamish@cloud.net.au
Message-ID: <d_MO6.3379$25.12383@news1.eburwd1.vic.optushome.com.au>
Source record: 8695

<magne@clustra.com> wrote:
> No, you don't.
> XML-files are easily editable by hand. Below you can find
> the configuration file I use for testing. It's easy to understand
> and can be modified using vi, emacs, teco or your favourite editor :)

It _can_ be edited that way, but you shouldn't have to. A plain
old text file would have been simpler.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1108. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 11:17:07 UTC
From: hamish@cloud.net.au
Message-ID: <T_MO6.3380$25.12383@news1.eburwd1.vic.optushome.com.au>
Source record: 8696

Fred Carpenter <fcarpent@ibm.com> wrote:
> Actually, if your "little CPU power" can't afford to run
> Windows, it can't afford to run DSP either.

The box I described has enough CPU power to run the 1200 soundcard
modem in linux. It's been that way for over a year now.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1109. Using LM 8 and ax25 worth the change.?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 14:02:36 UTC
From: Stef Daniels <sj_sc_daniels@bigpond.com>
Message-ID: <hcPO6.11789$hV3.12827@newsfeeds.bigpond.com>
Source record: 8697

G'Day and thanks for reading this message...

I currently have LM 7.2 up and running with ax25 and
LinPac0.16pre1 which currently works. I am in two minds as to
whether to upgrade to LM 8 for the sake of updating .. Is there
any reason to upgrade to LM 8 ? Curious as to other peoples
reaction and opinion to LM 8.. Many thanks in advance..!!

--
Regards,

Stef Daniels [VK5HSX]
Adelaide, South Australia
sj_sc_daniels@bigpond.com

-= Using Mandrake 7.2 - Kmail 2.0 =-

1110. Old Prom Programmer information?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 15:55:28 UTC
From: "tr.wiltshire" <tr.wiltshire@ntlworld.com>
Message-ID: <k3RO6.17412$yA4.3372331@news2-win.server.ntlworld.com>
Source record: 8698

Hi guys

I've got myself a Prom Programmer made by Data I/O of Redmond, Washington in 1984. It's a Model S22 Version VO2 and I'm trying to obtain some spec, and driving instructions. Anybody got a manual? I'll cheerfully pay costs, 'cos I'd really like to get my Storno and Midland ex-pmr rigs reprogged.

73 de Trevor, G8AKA in uk

1111. Re: Linux soundmodem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 18:04:32 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B0BFBAE.3D140B06@dioxine.com>
Source record: 8699

hamish@cloud.net.au wrote:

> <magne@clustra.com> wrote:
> > No, you don't.
> > XML-files are easily editable by hand. Below you can find
> > the configuration file I use for testing. It's easy to understand
> > and can be modified using vi, emacs, teco or your favourite editor :)
>
> It _can_ be edited that way, but you shouldn't have to. A plain
> old text file would have been simpler.

A plain old text file *might* be a little simpler, but not much. It still needs to contain all the same information and organization. Using XML leverages an existing body of (relatively) standardized parser and processing
implementations that otherwise would likely be crafted anew especially for for each different program.

While I'm not an XML zealot, I believe the use of XML for such configuration
files is, in general, a step forward.

Dana K6JQ
dana@dioxine.com

1112. Tempo MPP1 commands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-23 18:40:28 UTC
From: Richard Kors <rjkors@shell13.ba.best.com>
Message-ID: <9eh06s$ld5$1@nntp1.ba.best.com>
Source record: 8700

Keywords:Tempo MPP1 packet command set

I have a Tempo MPP1 portable packet TNC but I don't have a manual or the command set. It's a very handy
unit and convenient unit but I need the command set to get it going. Any help, hints or advice would be
appreciated!

Dick Kors
km6ep

1113. AM Radio help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-24 01:59:59 UTC
From: mkwhippet@aol.com
Message-ID: <20010523215959.23346.00001290@ng-cd1.aol.com>
Source record: 8551

I live about 65 miles from an AM station 50K watt....I have a receiver with an external ant....what can I do to boost the signal at night?

Please help!!!!!!

1114. Re: AM Radio help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-24 14:38:00 UTC
From: Marvin Volz <mtve@hal-pc.org>
Message-ID: <3B0D1CC8.9EE6F9A6@hal-pc.org>
Source record: 8552

Not much. Ground waves decrease at night and would probably get better reception
50-100 miles further out.
MTV

MKWhippet wrote:

> I live about 65 miles from an AM station 50K watt....I have a receiver with an
> external ant....what can I do to boost the signal at night?
>
> Please help!!!!!!

1115. SGC 2020 on PSK 31???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-24 23:06:22 UTC
From: ebruchac@aol.comnojunk
Message-ID: <20010524190622.10198.00001161@ng-fl1.aol.com>
Source record: 8553

Just got a SGC-2020,and wondered how well it will work on PSK-31?
Thanks,

Ed N4ZUM
" I believe in equality for everyone.Except for Photographers and Reporters."
--I.Ghandi

Remove the,"nojunk" to email.

1116. MFJ 1270 vs KPC3+ Opinions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 01:56:48 UTC
From: Brian Haren <bharen@bellsouth.net>
Message-ID: <4SiP6.334$Fv2.22761@news2.atl>
Source record: 8554

All,

Want to get into packet & APRS and am considering either the MFJ 1270 or Kantronics KPC3+. Although the 1270 is cheaper (in cost), lots of MFJ products get mixed reviews. So, I'm looking for opinions. If you use either (or both) I'd be interested in your opinions/comments.

73,

Brian
KC5YNP

1117. Re: MFJ 1270 vs KPC3+ Opinions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 02:07:33 UTC
From: Don Nelsch <dnelsch@neo.rr.com>
Message-ID: <3B0DBDF1.BB310DF@neo.rr.com>
Source record: 8555

A lot depends on what you want to do with the tnc. I have used many many 1270b's in a netrom network. you can pull the factory eprom and insert a jkiss eprom for bbs work, a uidigi eprom for aprs digipeating, and another eprom for who knows what other application. Kantronics boxes tend to have very unique software/firmware, making that not as easy. MFJ's are basically the old TAPR2 tnc with a few modifications. Kantronics are their own design. You pays your money and you takes your choice. I saw 1270's at Dayton for $30 apiece.

Don, K8EIW

Brian Haren wrote:

> All,
>
> Want to get into packet & APRS and am considering either the MFJ 1270 or
> Kantronics KPC3+. Although the 1270 is cheaper (in cost), lots of MFJ
> products get mixed reviews. So, I'm looking for opinions. If you use
> either (or both) I'd be interested in your opinions/comments.
>
> 73,
>
> Brian
> KC5YNP

1118. MixW 2.0 New Help files

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 03:12:03 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9ekijt$cf6$1@bob.news.rcn.net>
Source record: 8556
Cross-posted to: rec.radio.amateur.digital.misc,alt.radio.digital

Hi Fellow Warblers just to let you know that MixW 2.0 RC 4 now has help files in Spanish...you may download the current program which is MixW 2.0 RC4 featuring now MT63 and also MFSK plus SSTV and all the rest of the digital modes plus the English and now Spanish help files..the URL for downloads is: http://www.nvbb.net/~jaffejim/downloads.htm Good Luck and enjoy.. Jim, WA2VOS

1119. Allison, girl of perfection teen48.jpg 1931 [1/7]

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 08:46:46 UTC
From: allison@allison19.REMOVE.com
Message-ID: <WZoP6.553$4q2.523107@news2.mia>
Source record: 8557

zzlbrwxfoqcuwsslmkkocdbhbgzumxybolmlvppyehqmrrpjdififnullcdnjknqjlgzrkfdtfswpqvjtmopbyppek
dtuhbjyjllgfzvxtcqqlupxhibqjtyqougxmxkvpxiqxjidjnmuzrgecfizqpolyxoswkxopl

1120. FA: Dual paddle iambic keyer by Ham-Key

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 10:10:38 UTC
From: abuse@hotmail.com
Message-ID: <abuse-2505010010500001@192.168.1.4>
Source record: 8558
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

For auction on eBay, Dual paddle iambic keyer. See URL

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?MfcISAPICommand=ViewItem&item=1240022897

1121. Re: AM Radio help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-25 13:17:30 UTC
From: "Leland S. Van Koten" <vankoten@home.com>
Message-ID: <KXsP6.26911$G5.5175637@news1.rdc1.md.home.com>
Source record: 8559

I apologize in advance for continuing a discussion that should more appropriately be in the rec.radio.amateur.antenna group, but it's an interesting question and it wasn't posted over there.

Martin Volz is absolutely right, and it can be frustrating. I work in Washington, D.C., live in Baltimore, and frequnetly listen to WBAL, a 50 thousand watt station that is heard throughout the Baltimore-Washington area and beyond during the day, and is heard all up and down the east coast at night. All up and down the east coast EXCEPT for an area that includes from about 10 miles north of Washington to somewhat south of it, where ionospheric waves pick up, that is. So if it's dark when I leave the office, I can't listen to it for the first part of the commute.

I would assume that this phenomenon exits because the antennas of almost all commercial AM stations are verticals that have pretty much of a null in the vertical direction, so that they don't operate as "cloud warmers." I've often wondered about why more AM stations don't use an auxiliary horizontally polarized antenna that is pretty low, and that could permit them to cover the area between the reach of their ground waves and the beginning of the ionispheric waves from their vertical antenna at night. I've got a ladderline-fed doublet that is about 30 feet off the ground in some trees, and while it's not much of a DX antenna on 160 meters (although I have worked the west coast and Caribbean on 160 meters using 100 watts), it works real well as a "cloud warmer" up to a few hundred miles out with no gaps in coverage that I've ever been able to discover. (For those who aren't hams, the 160 meter band is an amateur band just above the AM broadcast band.) It would seem that for a relatively minimal investment in equipment, commercial AM stations could insure coverage at night of their entire daytime listening area. Does anyone know why this isn't a standard approach?

"Marvin Volz" <mtve@hal-pc.org> wrote in message
news:3B0D1CC8.9EE6F9A6@hal-pc.org...
> Not much. Ground waves decrease at night and would probably get better
reception
> 50-100 miles further out.
> MTV
>
> MKWhippet wrote:
>
> > I live about 65 miles from an AM station 50K watt....I have a receiver
with an
> > external ant....what can I do to boost the signal at night?
> >
> > Please help!!!!!!

>

1122. LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 00:39:56 UTC
From: pete@pete6.pjrnet.com
Message-ID: <3b0efb5b.2879$38d@news.op.net>
Source record: 8560

Anyone out there using AX25 with Linux 2.2 Kernels?

I am trying to configure AX25 and running into all kinds of problems.

Documentation seems to be virtually non-existent..

I was told to use ax25-config but it does nothing. It asks me
a bunch of questions then quietly goes away without doing a thing.

I tried creating minimal configuration files based on the man pages
and what I did before with 2.0.33 Kernel.. and the interface comes up
then about 30 seconds later quietly goes away with no indication as to
why. Is this stuff supposed to work?

I am running Slackware 7.2 with 2.2.19 Kernel. Using KISS TNC.

Pete Rossi - WA3NNA
pete@pjrnet.com

1123. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 11:22:49 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9eo3ip0f1k@enews4.newsguy.com>
Source record: 8562

It's not worth the trouble, Pete. Once you finally get it going, what you will then have will be the latest technology in packet radio - from 1985 or so. OK for nostalgia buffs, but a poor choice for serious use. The old stuff with the KISS protocol is slow and dumb, compared to modern packet software.

Packet has come a long way since the 1980's, and the new growth occuring in the US packet network is all the new stuff. Running Linuzx's AX25 implementation with a KISS TNC will just mark you as an "old duffer", unwilling or unable to keep up with the times. They will be able to tell you are running obsolete stuff, just by watching your stations' behavior on the air. Once you've seen the difference, it's pretty hard to miss. The new stuff really goes; the old stuff blows.

I assume you are wanting to run the IP applications included with Linux over packet. That's a good reason to work with Linux, and a lot of hams use Linux for that very purpose. For IP apps, I don't think you could find a setup that would really be any better. (I'll probably get some arguement about this from Windows enthusiasts.)

Instead of tinkering with the Linux AX25 deal, just set up a set up a high-speed serial or preferably ethernet connection between your Linux box and an old 386 or 486. You can get these old computers for free, or for next to nothing. Install DOS on the second machine.

In the DOS box, set up and install FlexNet. Here's where you can find all the info you need, including a link to the FlexNet website so you can download the software.

http://www.the-i.net/~n5pvl/flexnet

The way it works is to let the DOS box with Flexet handle all of your radios, with a high speed link to your Linux box, where the applications reside. This is generally acknowleged as the best setup for Amateur tcpip, used by thousands of hams in Europe and the US. The reason so many hams go to the trouble of setting up a DOS box for FlexNet is that it gives you significantly better performance on the air. The old KISS stuff will only slow you down.

If you are not interested in tcpip, the link to the Linux box would not be neccessary. Just use the DOS box running FlexNet.

You will discover that FlexNet in DOS shares one quality with Linux - It runs forever.

73 DE Charles, N5PVL

"Pete Rossi" <pete@pete6.pjrnet.com> wrote in message
news:3b0efb5b.2879$38d@news.op.net...
> Anyone out there using AX25 with Linux 2.2 Kernels?
>
> I am trying to configure AX25 and running into all kinds of problems.
>
> Documentation seems to be virtually non-existent..
>

1124. Warbler...ooops!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 11:27:10 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <tgv4p62bprkje1@corp.supernews.com>
Source record: 8561

Sorry for the multiple posts, my computer had a sluggish moment at the wrong tme and I though my mouse button was acting up again! -gerry

1125. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 15:44:56 UTC
From: Fred Carpenter <fcarpent@ibm.com>
Message-ID: <YbQP6.24645$CD5.13145942@news2.rdc2.tx.home.com>
Source record: 8563

"Charles Brabham" <n5pvl@the-i.net> wrote
>
> It's not worth the trouble, Pete. Once you finally get it going, what you
> will then have will be the latest technology in packet radio - from 1985 or
> so.

I agree. Packet radio is dead. Get on PSK31 and start having fun again.

1126. PK-900 Schematic Wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 16:19:15 UTC
From: Don Bergmark <dbergmark@worldnet.att.net>
Message-ID: <7IQP6.48217$4f7.3499202@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8564

Some how I lost the schematic for my PK-900. I have the manual but am missing just the schematic. I am willing to send $5.00 for coping and postage.

73's
Don
W9NGA

--
Don Bergmark
3939 W. Calle Siete
Green Valley, AZ 85614
520-399-3611

1127. Re: AM Radio help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 19:28:35 UTC
From: iwsoper <iwsoper@email.msn.com>
Message-ID: <e5p3dmh5AHA.251@cpmsnbbsa07>
Source record: 8565

Depending upon the FCC imposed license restrictions, in the evening some radio stations are required to modify their patterns to protect others due to the skip.

The radiating patterns from what I can remember in general are deterimned by the FCC Rules and Regs. Been along time since I worked in braodcasting but that is what I remember.

"Leland S. Van Koten" <vankoten@home.com> wrote in message news:KXsP6.26911$G5.5175637@news1.rdc1.md.home.com...
> I apologize in advance for continuing a discussion that should more
> appropriately be in the rec.radio.amateur.antenna group, but it's an
> interesting question and it wasn't posted over there.
>
> Martin Volz is absolutely right, and it can be frustrating. I work in
> Washington, D.C., live in Baltimore, and frequnetly listen to WBAL, a 50
> thousand watt station that is heard throughout the Baltimore-Washington area
> and beyond during the day, and is heard all up and down the east coast at
> night. All up and down the east coast EXCEPT for an area that includes from
> about 10 miles north of Washington to somewhat south of it, where
> ionospheric waves pick up, that is. So if it's dark when I leave the
> office, I can't listen to it for the first part of the commute.
>
> I would assume that this phenomenon exits because the antennas of almost all
> commercial AM stations are verticals that have pretty much of a null in the
> vertical direction, so that they don't operate as "cloud warmers." I've
> often wondered about why more AM stations don't use an auxiliary
> horizontally polarized antenna that is pretty low, and that could permit
> them to cover the area between the reach of their ground waves and the
> beginning of the ionispheric waves from their vertical antenna at night.
> I've got a ladderline-fed doublet that is about 30 feet off the ground in
> some trees, and while it's not much of a DX antenna on 160 meters (although
> I have worked the west coast and Caribbean on 160 meters using 100 watts),
> it works real well as a "cloud warmer" up to a few hundred miles out with no
> gaps in coverage that I've ever been able to discover. (For those who
> aren't hams, the 160 meter band is an amateur band just above the AM
> broadcast band.) It would seem that for a relatively minimal investment in
> equipment, commercial AM stations could insure coverage at night of their

> entire daytime listening area. Does anyone know why this isn't a standard
> approach?
>
>
> "Marvin Volz" <mtve@hal-pc.org> wrote in message
> news:3B0D1CC8.9EE6F9A6@hal-pc.org...
> > Not much. Ground waves decrease at night and would probably get better
> reception
> > 50-100 miles further out.
> > MTV
> >
> > MKWhippet wrote:
> >
> > > I live about 65 miles from an AM station 50K watt....I have a receiver
> with an
> > > external ant....what can I do to boost the signal at night?
> > >
> > > Please help!!!!!!
> >
>
>

1128. Re: MFJ 1270 vs KPC3+ Opinions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 21:07:04 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <KWUP6.30680$TW.147515@tor-nn1.netcom.ca>
Source record: 8566

In my view, the KPC-3 and KPC-3 plus are better TNC's for APRS. The
KANTRONICS firmware have lots of great features for APRS such as a
UI-digipeater for APRS applications. Most other TNC's do NOT have enhanced
commands for APRS.

Rob

"Brian Haren" <bharen@bellsouth.net> wrote in message
news:4SiP6.334$Fv2.22761@news2.atl...
> All,
>
> Want to get into packet & APRS and am considering either the MFJ 1270 or
> Kantronics KPC3+. Although the 1270 is cheaper (in cost), lots of MFJ
> products get mixed reviews. So, I'm looking for opinions. If you use
> either (or both) I'd be interested in your opinions/comments.
>
> 73,
>
> Brian
> KC5YNP
>
>

1129. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-26 23:29:24 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9epe4u02hub@enews4.newsguy.com>
Source record: 8567

"Fred Carpenter" <fcarpent@ibm.com> wrote in message
news:YbQP6.24645$CD5.13145942@news2.rdc2.tx.home.com...
> "Charles Brabham" <n5pvl@the-i.net> wrote
> >
> > It's not worth the trouble, Pete. Once you finally get it going, what
you
> > will then have will be the latest technology in packet radio - from 1985
or
> > so.
>
> I agree. Packet radio is dead. Get on PSK31 and start having fun again.

We had a couple of guys try PSK31 on VHF, but it was not as useful as packet
so they decided to save PSK31 for HF. Just about everyone does, as far I
have been able to tell.

Are there large numbers of hams in your area using PSK31 on VHF/UHF bands?

Why?

73 DE Charles Brabham, N5PVL

1130. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 00:27:19 UTC
From: Fred Carpenter <fcarpent@ibm.com>
Message-ID: <HRXP6.26655$CD5.14043151@news2.rdc2.tx.home.com>
Source record: 8568

> We had a couple of guys try PSK31 on VHF, but it was not as useful as packet
> so they decided to save PSK31 for HF. Just about everyone does, as far I
> have been able to tell.
>
> Are there large numbers of hams in your area using PSK31 on VHF/UHF bands?

Large? No. About the same number as FM packet. Try listening around
144.2 USB and see if there are PSK31 users on sideband in your part of
the country.

1131. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 02:23:24 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9epob402pog@enews3.newsguy.com>
Source record: 8569

"Fred Carpenter" <fcarpent@ibm.com> wrote in message
news:HRXP6.26655$CD5.14043151@news2.rdc2.tx.home.com...
>
>snip<
>
> > Are there large numbers of hams in your area using PSK31 on VHF/UHF
bands?
>
> Large? No. About the same number as FM packet. Try listening around
> 144.2 USB and see if there are PSK31 users on sideband in your part of
> the country.

None right now, but then again, 3/4ths of our ham polulation is currently in the northern US, the "winter Texans" who brighten up our fall and winter here at the southern tip of Texas, then migrate north during the warm weather to travel or visit relations.

To be fair, I'd have to check again next fall. Right now all ham activity in the Rio Grande Valley is at it's lowest ebb of the year.

I have personal doubts about psk31 on sideband giving packet any serious competition on the VHF/UHF bands. I'm sure it's fun, but it's not the kind of deal that is likely to be done by "Joe Ham", like packet. I've worked sideband on 2m a few times, trying for DX. The counties down here are all rare. When I visit my father in Willacy county, the ham population there doubles, so just about anybody is glad to QSO. Some guys get really excited.

- But ssb rigs and additional yagis on the flat side is more expense and trouble than I think we can reasonably expect large numbers of hams to go for. The packet stuff does more on the VHF/UHF bands. It's faster, easier, cheaper, and there are more servers available. Packet is still great for keyboard QSO's, (most of the activity here) but you can also access the file server, cluster, or PMS. (We do not have a "full service", autoforwarding BBS here.)

We've been looking at the "Ham-Web" multicaster too, which can move incredible amounts of information in a very short time by eliminating almost all packet overhead and delay. It basically streams the data without acks (one way) in extremely long packets, and when it's sent what it has, it goes back to the start of the file list and does it all over again. The multicast transmitter must be able to handle what amounts to continuous duty.

The client software automatically updates files and messages it did not recieve in full the first or second time around, as it recieves them again. It ignores stuff it already has. You can send 500 packet messages and bulletins in less than a couple of hours, and throw in html pages, local

info such as VE testing schedules, repeater freqs, club meetings, weather forecasts, you name it. - And still end up resending it quite a number of times per day. To recieve it, any FM 2-meter reciever, including a scanner will do. No need to transmit, as the server does all that.

I can most certainly see where psk31 on VHF/UHF would be fun. After all, before there was packet, there was VHF RTTY BBS's. The first BBS in the valley was VHF RTTY. But I do not think it is realistic to compare it with packet. To suggest that it will "take over" from packet in a general sense is just plain silly, even though it may have become popular in your neck of the woods.

73 DE Charles, N5PVL

1132. Re: MFJ 1270 vs KPC3+ Opinions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 02:39:05 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9epp8i02r3n@enews3.newsguy.com>
Source record: 8570

"Brian Haren" <bharen@bellsouth.net> wrote in message
news:4SiP6.334$Fv2.22761@news2.atl...
> All,
>
> Want to get into packet & APRS and am considering either the MFJ 1270 or
> Kantronics KPC3+. Although the 1270 is cheaper (in cost), lots of MFJ
> products get mixed reviews. So, I'm looking for opinions. If you use
> either (or both) I'd be interested in your opinions/comments.

The Kantronics gear is better if all you ever plan to do is APRS.

If you are interested in other facets of packet, the MFJ is the clear choice since it's firmware is open-code, making the MFJ capable of things the Kantronics gear can never do on account of it's proprietary nature. Lots of software will work with the MFJ TNC2 clone that will not work with Kantronics gear, including the new FlexNet software that is currently revolutionizing packet.

Some hams use MFJ's here for APRS, and I have not heard any of them complain. I've used a borrowed MFJ 1270c here once for APRS, and I didn't notice any problems in those few days. It cranked right along.

But if you are sure that APRS is all you'll ever want to do with that TNC, the Kantronics gear has a slight edge.

73 DE Charles, N5PVL

1133. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 04:20:32 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B10808D.78D67F45@dioxine.com>
Source record: 8571

Charles Brabham wrote:

> It's not worth the trouble, Pete. Once you finally get it going, what you
> will then have will be the latest technology in packet radio - from 1985 or
> so. OK for nostalgia buffs, but a poor choice for serious use. The old stuff
> with the KISS protocol is slow and dumb, compared to modern packet software.
>
> Packet has come a long way since the 1980's, and the new growth occuring in
> the US packet network is all the new stuff.

I haven't been to all of the US like you apparently have, so I can only speak
for the greater metropolitan California area: any packet other than APRS is
in *severe* decline.

APRS is almost exclusively 1200 baud, just like in the 1980s.

Dana K6JQ
dana@dioxine.com

1134. FS (UK): Icom IC-22A 2m radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 09:13:01 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <cV6q0oAdUME7Ew33@netro.co.uk>
Source record: 8572
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc,alt.ham-radio.packet

********** ICOM IC-22A ï¿½30 **

Icom IC-22A 2m 10w FM transceiver, with tone burst, microphone, mobile
mounting bracket, power cable and manual (including schematic diagram).

22 crystalled channels:

1 R1 12 S12 (RTTY)
2 R2 13 144.560
3 R3 14 144.625
4 R4 15 144.650
5 R5 16 144.675
6 R6 17 S17
7 R7 18 144.800 (UIview/APRS)
8 Reverse R6 (RX only) 19 S23
9 Reverse R0 20 S20
10 R0 21 S21
11 S11 22 S22

(plus a spare satellite RX crystal, 145.???).

The case is a little worn, but the radio is in good working order. Can
demonstrate on-air.

***** Ideal for packet digi / UIview / APRS.

Mid Bedfordshire (1.5 miles from M1 junction 12).

Will deliver up to 20 miles.

--
73
Ian, G3NRW
g3nrw@tapr.org

1135. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 10:15:43 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9eqk0n0187j@enews4.newsguy.com>
Source record: 8573

----- Original Message -----
From: "Dana H. Myers" <dana@dioxine.com>
>
> > It's not worth the trouble, Pete. Once you finally get it going, what
you
> > will then have will be the latest technology in packet radio - from 1985
or
> > so. OK for nostalgia buffs, but a poor choice for serious use. The old
stuff
> > with the KISS protocol is slow and dumb, compared to modern packet
>> software.
> >
> > Packet has come a long way since the 1980's, and the new growth occuring
>> in the US packet network is all the new stuff.
>
>
> I haven't been to all of the US like you apparently have, so I can only
> speak for the greater metropolitan California area: any packet other than
APRS
> is in *severe* decline.

I'm sure you are aware that the big holdback in California packet is social
and political, not technical or financial..

Here's where most (but not all) of the real action currently is:

http://www.northeastflexnet.org/

On their network maps, the FlexNet nodes shown were all set up in the last
couple of years. Somewhere near eighty (80) of them.

They have experienced so much growth, so fast, that the network maps you
will see only reflect about 2/3 of what currently exists. They've been too
busy building network to keep the graphics completely up to date.

There are other groups around the country doing the same thing, but this is
the BEST example of hams in the US discovering that the new stuff works so
well that it has revitalized packet in an area that started off with three
nodes in NY, but which now covers several states.

PC-FlexNet allows you to run other software on top of it. In their node
computers, they also run either a Cluster, IP router, or BBS, depending on
which is needed most at a particular node site.\

Aparrently, the hams in that part of the country have been enjoying FlexNet
much more than the disintegrating X1J net that preceded it. So much so, in
fact, that their network is growing at levels comparable to what we all saw

back in the 1980's.

73 DE Charles, N5PVL

1136. Re: Mandrake 8.0 and ax25

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 11:11:08 UTC
From: Dan Glover <news@dangl.demon.co.uk>
Message-ID: <GDzr2L.5wo@dgsys.co.uk>
Source record: 8574
Cross-posted to: rec.radio.amateur.digital.misc,uk.comp.os.linux

In article <28bee9.hle.ln@sun.goldhill.co.uk>, Garry <wbg@post.com> wrote:

>Has anyone managed to get the ax25 apps/tools to compile successfully on
>Mandrake 8.0 ? gcc is v 2.96

No, but I'm trying to get back into ax25 here (Slackware-derived,
kernel-2.4.4, egcs-2.91.66). It's not much fun...

>I get a series of errors; for example, in compiling ax25-apps, I get

For me the apps stuff compiles, not the tools.

>call.c:467: storage size of `ft' isn't known
>call.c:495: warning: implicit declaration of function `mktime'
>call.c:467: warning: unused variable `ft'
>make[2]: *** [call.o] Error 1
>make[2]: Leaving directory `/Radio/ax25-apps-0.0.4/call'
>make[1]: *** [all-recursive] Error 1
>make[1]: Leaving directory `/Radio/ax25-apps-0.0.4'
>make: *** [all-recursive-am] Error 2

I'd recommend subscribing to the linux-hams list - send mail to
majordomo@vger.kernel.org with "subscribe linux-hams" in the body of the
message and follow the instructions in the response.

There may be one or two other ax25 people on the fringes of
uk.comp.os.linux but it's a fairly specialist subject. Not sure how
much Linux input there is in rec.radio.amateur.digital.misc these days:
not a group I follow.

From the mailing list I see a comment from the maintainer that it's a
libc problem and the workround is to have:

#include <time.h>
AND
#include <sys/time/h>

defined in EACH place where it complains. I haven't yet fixed the
sources here, but I'll report back later today. Probably.

Dan

--
Dan Glover (dan@dangl.demon.co.uk)

1137. Re: Mandrake 8.0 and ax25

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 15:16:48 UTC
From: Eamon Skelton <Xnospam@oceanfree.net>
Message-ID: <3B111A60.5040906@oceanfree.net>
Source record: 8575
Cross-posted to: rec.radio.amateur.digital.misc,uk.comp.os.linux

Dan Glover wrote:

> In article <28bee9.hle.ln@sun.goldhill.co.uk>, Garry <wbg@post.com> wrote:
>
>
>>Has anyone managed to get the ax25 apps/tools to compile successfully on
>>Mandrake 8.0 ? gcc is v 2.96
>>
>
> No, but I'm trying to get back into ax25 here (Slackware-derived,
> kernel-2.4.4, egcs-2.91.66). It's not much fun...

All the ax25 gurus seem to be on the linux-hams mailing list.
I can't remember how to subscribe. Try sending a message to:
majordomo(AT)vger.kernel.org with: subscribe linux-hams
in the message body.

HTH.

Ed. EI9GQ.

--
Remove 'X' to reply.
http://www.qsl.net/ei9gq
Linux 2.4.5

1138. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 19:32:00 UTC
From: hp-expires-oct2001@rsh.uni-karlsruhe.de
Message-ID: <9erkngfpn1@news.rz.uni-karlsruhe.de>
Source record: 8576

Pete Rossi <pete@pete6.pjrnet.com> wrote:
> I was told to use ax25-config but it does nothing. It asks me
> a bunch of questions then quietly goes away without doing a thing.
Which version of ax25-config? Are you root user? Does it create
/etc/ax25/ax25-up or /etc/ax25/ax25-config.conf?

If it doesn't work at all, did you consider writing a bug report?
(I don't remember getting one)

73s Hans-Peter (dg4iad@1409.org)

1139. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-27 23:13:28 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B118A18.6AAC7139@amsat.org>
Source record: 8577

Yep. Including people running DX Packet Clusters on the Space Station
VOICE Uplink Frequency.
No wonder the network out here is in the toilet.
73, Jim

1140. Sewall, Charles: Wireless telegraphy; its origins, development, inventions, and apparatus, ; D. Van Nostrand, 1903. Reprint ed.,

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 02:19:10 UTC
From: bookssss@aol.com
Message-ID: <20010527221910.23313.00001827@ng-cd1.aol.com>
Source record: 8578

Sewall, Charles:
Wireless telegraphy; its origins, development, inventions, and apparatus, ; D. Van Nostrand, 1903. Reprint ed.,

Paperback, Fine, 5.25 X 8.25 NDJ 229 Pages. b/w photos., This is new 1999 reprint by Brohan Press. Nice edition that is an exact facsimile reproduction of the original 1903 edition. Multiple copies available. A very detailed account of wireless telegraphy at the time, appendix of patents issued with 85 photos and illustrations., Science Radio Radio Wireless Telegraphy Telegraph Marconi USD30.00

see the cover and table of contents at:
http://members.aol.com/brohanpress/wireless.html

+ $3 bookrate or $4.50 priority postage

Sincerely,
Gary Broder
BrodersBooks.com

1141. Mars: As the Abode of Life by Percival Lowell reprint

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 02:20:03 UTC
From: bookssss@aol.com
Message-ID: <20010527222003.23313.00001828@ng-cd1.aol.com>
Source record: 8579

MARS: As the Abode of Life
by Percival Lowell

US$ 35.00
Publisher: MacMillan, 1908.;
Fine condition. PAPERBACK. 5.25" X 8.25" 288 Pages.
This is new 2000 reprint by Brohan Press.
Nice edition that is an exact facsimile reproduction of the original 1908,
first edition.
Multiple copies available.
Incredible detailed analysis of the regions of Mars
and the proof that life could have developed on Mars.
Extensively illustrated in black and white. Fine very clean copy.
Reprint edition. Binding is Paperback.

The full table of contents of
this book are listed at
http://members.aol.com/brohanpress/mars.html

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NASA, science, proof

1142. How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 05:12:30 UTC
From: Tim Willson <tim.willson@state.mn.us>
Message-ID: <3B11DE3E.EA5ADEC6@state.mn.us>
Source record: 8580
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Anyone have any success or or suggestions about the method and equipment used to recover spread spectrum cordless telephone transmissions? They are in the 902 to 927 mHz range. Thanks for answering here, so that all may benefit.

1143. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 07:15:43 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9h3uov.1vm.nomail@linux.pe1chl.ampr.org>
Source record: 8581

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Yep. Including people running DX Packet Clusters on the Space Station
>VOICE Uplink Frequency.
>No wonder the network out here is in the toilet.

Well, in general it can be seen that the DX Packet Cluster operators and
their users (even the writers of the original software) are in the "I don't
care as long as I get my thing" category. They are only interested in
spreading DX spots, and ultimately in working the DX station. They aren't
interested in the best cooperation with fellow amateurs to achieve the most
efficient use of available resources, just because their hobby is about
competition, not about cooperation.

I would not critisize them too much for it; it is their nature, it is why
they went into DX'ing in the first place. The group that is DX'ing is
totally different from the group that unites to build a working packet
network.

Maybe the only way to get them away from there is to send DX spots to their
cluster at the time the Shuttle can be worked in the area, maybe in
automated fashion. In the short term it may ruin your own qso, but in
the longer run maybe their own user group will start asking for a different
frequency?
(of course this won't work when it is an HF group)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1144. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 12:17:23 UTC
From: Dave Shrader <W1MCE@arrl.net>
Message-ID: <3B1241BE.33CA104E@arrl.net>
Source record: 8582
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

You're not supposed to be able to decode spread spectrum. It is a secure mode!

Tim Willson wrote:
>
> Anyone have any success or or suggestions about the method and
> equipment used to recover spread spectrum cordless telephone
> transmissions? They are in the 902 to 927 mHz range. Thanks
> for answering here, so that all may benefit.

1145. TNC2: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 13:40:28 UTC
From: ti2dll@email.com
Message-ID: <9etkg9$143cl$1@ID-7470.news.dfncis.de>
Source record: 8583

Hi,

I have a Tiny II TNC which I recently activated the KISS mode on via the "KISS ON/RESTART" commands. But now I want to get it out of KISS mode and I can't figure out how to. The manual says that to return to normal firmware mode you should turn the TNC on and off, I've turned it off at least 3 times, both for a few seconds, a few minutes, and several hours, with no success.

I guess the only thing left to do is remove the battery jumper and hope that parameters return to factory default. However I don't want to fully reset the TNC if there's a better way to get it out of KISS mode, especially considering I'd like to be able to switch between KISS/firmware as I move in and out of the shack during the day.

I normally work the TNC under Linux, using LinPac, however I can switch to Windows/DOS if necessary. Any ideas?

--
//\/\ario //\/\elendez- TI2DLL
mmelendez@engineer.com

1146. FS: KAM Plus All Mode & MFJ TNC/mic switch--REDUCED PRICE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 13:57:53 UTC
From: fredez2@airmail.net
Message-ID: <E67C5E1EFADBAD43.84DF90EF630D3A81.33AE621987641E38@lp.airnews.net>
Source record: 8584
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

KAM Plus All Mode, including GPS interface (ver 8.0P), manuals, cables, power supply. MFJ Switch (TNC/microphone). Now asking $175 plus shipping. W5HTR, Fred. 972-231-7511 (Dallas, TX area)

1147. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 14:14:10 UTC
From: TooManyTubes <kb8tl@yahoo.com>
Message-ID: <th4nbdqamrggd2@corp.supernews.com>
Source record: 8585
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.spac

Educational purposes only, I'm certain.

"Dave Shrader" <W1MCE@arrl.net> wrote in message
news:3B1241BE.33CA104E@arrl.net...
> You're not supposed to be able to decode spread spectrum. It is a secure
> mode!
>
> Tim Willson wrote:
> >
> > Anyone have any success or or suggestions about the method and
> > equipment used to recover spread spectrum cordless telephone
> > transmissions? They are in the 902 to 927 mHz range. Thanks
> > for answering here, so that all may benefit.

1148. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 15:07:14 UTC
From: Bill Cromwell <bcromwell1@earthlink.net>
Message-ID: <CQtQ6.42270$9D5.2556394@newsread2.prod.itd.earthlink.net>
Source record: 8586
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.spac

I suppose it is illeagal to monitor ypur own phone system?

Bill

Dave Shrader <W1MCE@arrl.net> wrote in message
news:3B1241BE.33CA104E@arrl.net...
> You're not supposed to be able to decode spread spectrum. It is a secure
> mode!
>
> Tim Willson wrote:
> >
> > Anyone have any success or or suggestions about the method and
> > equipment used to recover spread spectrum cordless telephone
> > transmissions? They are in the 902 to 927 mHz range. Thanks
> > for answering here, so that all may benefit.
>

1149. Re: TNC2: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 17:00:14 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9h510u.1vm.nomail@linux.pe1chl.ampr.org>
Source record: 8589

Mario Melendez Esquivel <ti2dll@email.com> wrote:
>Hi,

>I have a Tiny II TNC which I recently activated the KISS mode on via the
>"KISS ON/RESTART" commands. But now I want to get it out of KISS mode and I
>can't figure out how to. The manual says that to return to normal firmware
>mode you should turn the TNC on and off, I've turned it off at least 3
>times, both for a few seconds, a few minutes, and several hours, with no
>success.

>I guess the only thing left to do is remove the battery jumper and hope that
>parameters return to factory default. However I don't want to fully reset
>the TNC if there's a better way to get it out of KISS mode, especially
>considering I'd like to be able to switch between KISS/firmware as I move in
>and out of the shack during the day.

>I normally work the TNC under Linux, using LinPac, however I can switch to
>Windows/DOS if necessary. Any ideas?

Try sending it the following character sequence: C0 FF C0 (hex)
This could be possible from DOS programs using Alt-192 Alt-255 Alt-192.

I don't know if this works for your particular TNC but it is a de-facto
standard command for ending KISS mode.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1150. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 17:08:35 UTC
From: Macgman <macgyver9@iname.com>
Message-ID: <nCvQ6.2145$_%1.280404@paloalto-snr1.gtei.net>
Source record: 8587
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,alt.ham-radio.vhf-uhf

I worked on RF hardware and software design of spread spectrum phones. The US government would have a serverly hard time decoding a spread spectrum signal phone (its easier to just tap the line...hehehe). The base unit passes the handset a "seed" this seed corresponds to a psuedo-random high speed code on which the multichipped audio stream is EX-OR'ed with. Also there are control signals passed back and forth between base and handset....not to mention channel selection...etc. Sounds complicated yet?.....well there is more.....Your receiver archetecture only takes care of the physical radio demodulation......there is the software layer that is the BIG unknown, that layer takes care of EVERYTHING, if you have no clue how or what it does you will be spinning your wheels for years.

Best Regards,
MacGmaN

1151. Re: TNC2: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 17:50:50 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9eu35q$l92$0@216.39.171.5>
Source record: 8588

On 28 May 2001 13:40:28 GMT, Mario Melendez Esquivel wrote:
> Hi,
>
> I have a Tiny II TNC which I recently activated the KISS mode on via the
> "KISS ON/RESTART" commands. But now I want to get it out of KISS mode and I
> can't figure out how to. The manual says that to return to normal firmware
> mode you should turn the TNC on and off, I've turned it off at least 3
> times, both for a few seconds, a few minutes, and several hours, with no
> success.
>
> I guess the only thing left to do is remove the battery jumper and hope that
> parameters return to factory default. However I don't want to fully reset
> the TNC if there's a better way to get it out of KISS mode, especially
> considering I'd like to be able to switch between KISS/firmware as I move in
> and out of the shack during the day.
>
> I normally work the TNC under Linux, using LinPac, however I can switch to
> Windows/DOS if necessary. Any ideas?

Removing the battery for a few minutes will restore the defaults,
simply removing power will not, as you have observed.

You can turn off KISS mode by sending the following hexadecimal
sequence to the TNC:

C0 FF C0

I'm not familiar with LinPac, so I don't know if it supports doing
this. With the various flavors of *NOS, you can send the command
'param <iface> 255' to exit KISS mode. Alternatively, you could write
a script to send the hex characters to /dev/ttyS1, etc.

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1152. Re: TNC2: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 18:23:23 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9eu52r$l92$1@216.39.171.5>
Source record: 8590

On 28 May 2001 17:50:50 GMT, Bob Nielsen wrote:
> On 28 May 2001 13:40:28 GMT, Mario Melendez Esquivel wrote:
>> Hi,
>>
>> I have a Tiny II TNC which I recently activated the KISS mode on via the
>> "KISS ON/RESTART" commands. But now I want to get it out of KISS mode and I
>> can't figure out how to. The manual says that to return to normal firmware
>> mode you should turn the TNC on and off, I've turned it off at least 3
>> times, both for a few seconds, a few minutes, and several hours, with no
>> success.
>>
>> I guess the only thing left to do is remove the battery jumper and hope that
>> parameters return to factory default. However I don't want to fully reset
>> the TNC if there's a better way to get it out of KISS mode, especially
>> considering I'd like to be able to switch between KISS/firmware as I move in
>> and out of the shack during the day.
>>
>> I normally work the TNC under Linux, using LinPac, however I can switch to
>> Windows/DOS if necessary. Any ideas?
>
> Removing the battery for a few minutes will restore the defaults,
> simply removing power will not, as you have observed.
>
> You can turn off KISS mode by sending the following hexadecimal
> sequence to the TNC:
>
> C0 FF C0
>
> I'm not familiar with LinPac, so I don't know if it supports doing
> this. With the various flavors of *NOS, you can send the command
> 'param <iface> 255' to exit KISS mode. Alternatively, you could write
> a script to send the hex characters to /dev/ttyS1, etc.

I just checked the LinPac docs and noticed that it uses kernel AX.25,
in which case there is an easier way to do this:

kissparms -p <port> -x

The kissparms command is part of ax25-tools (see
http://radio.linux.org.au or http://prdownloads.sourceforge.net/ax25).

73, Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen

IOTA NA-065, USI WA-028S

1153. Re: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-28 22:55:47 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9eukti01ec4@enews1.newsguy.com>
Source record: 8591

"Mario Melendez Esquivel" <ti2dll@email.com> wrote in message
news:9etkg9$143cl$1@ID-7470.news.dfncis.de...
> Hi,
>
> I have a Tiny II TNC which I recently activated the KISS mode on via the
> "KISS ON/RESTART" commands. But now I want to get it out of KISS mode and
I
> can't figure out how to. The manual says that to return to normal firmware
> mode you should turn the TNC on and off, I've turned it off at least 3
> times, both for a few seconds, a few minutes, and several hours, with no
> success.
>

The way I finally got rid of KISS mode was to remove the EPROM chip, erase it, and install trhe 6-Pack driver image used with FlexNet. It works much better now, and I am never bothered by KISS.

You'll need a DOS or Windows computer to really benefit from 6-Pack/FlexNet, but it is well worth the trouble.

73 DE Charles, N5PVL

1154. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 00:04:29 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B12E78D.CBE45F2C@amsat.org>
Source record: 8592

I certainly don't have anything against the Packet Cluster ops in general. It's just this particular one has been asked repeatedly by myself and others if he knew he was on a frequency set aside for space use. At first he replied "Gee...thanks for the info. What do you suggest I do?", and after being politely asked if he could move, the replies stopped. And I also don't want to start a usenet war about "Nobody owns a frequency, and I'll damn well transmit where I want to". There's enough of that mentality already. I KNOW it's hard to find an open freq in Southern California, but to just take over a frequency that's been "Reserved" (I don't know a better term to use) in the published band plans is just poor practice IMO. Our ARRL Division Director tells us to just "Talk it up and spread the word around and maybe he'll move", and the ARISS people have been strangely silent. NOBODY wants to do anything "Official" to request/tell/force the sysop to change frequencies, which I also find strange, as he already has another cluster on an "Officially Sanctioned" cluster frequency. Does he really need to run two? With all the whining going on about "We Need To Attract More Young People", it's embarassing to try and explain to "The Young Poeple" why we can't have a voice QSO with the International Space Station because some Bozo decided he wanted to run a DX Packet Cluster on the channel.
I'd better stop now before I go into my rant mode.
Thanks for the reply, Rob.
Jim

1155. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 04:53:27 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <bXFQ6.50023$t12.3871888@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8593

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9eqk0n0187j@enews4.newsguy.com...
>
> ----- Original Message -----
> From: "Dana H. Myers" <dana@dioxine.com>
> >
> > > It's not worth the trouble, Pete. Once you finally get it going, what
> you
> > > will then have will be the latest technology in packet radio - from 1985
> or
> > > so. OK for nostalgia buffs, but a poor choice for serious use. The old
> stuff
> > > with the KISS protocol is slow and dumb, compared to modern packet
> >> software.
> > >
> > > Packet has come a long way since the 1980's, and the new growth occuring
> >> in the US packet network is all the new stuff.
> >
> >
> > I haven't been to all of the US like you apparently have, so I can only
> > speak for the greater metropolitan California area: any packet other than
> APRS
> > is in *severe* decline.
>
> I'm sure you are aware that the big holdback in California packet is social
> and political, not technical or financial..
>
> Here's where most (but not all) of the real action currently is:
>
> http://www.northeastflexnet.org/
>
> On their network maps, the FlexNet nodes shown were all set up in the last
> couple of years. Somewhere near eighty (80) of them.

And a few of them are still on air.
But they are basically unused.
(From phone call with someone involved in that project.)

--

... Hank

http://horedson.home.att.net

1156. Re: How to I end KISS mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 04:56:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <AZFQ6.50029$t12.3872919@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8594

"Mario Melendez Esquivel" <ti2dll@email.com> wrote in message
news:9etkg9$143cl$1@ID-7470.news.dfncis.de...
> Hi,
>
> I have a Tiny II TNC which I recently activated the KISS mode on via the
> "KISS ON/RESTART" commands. But now I want to get it out of KISS mode and I
> can't figure out how to. The manual says that to return to normal firmware
> mode you should turn the TNC on and off, I've turned it off at least 3
> times, both for a few seconds, a few minutes, and several hours, with no
> success.
>
> I guess the only thing left to do is remove the battery jumper and hope that
> parameters return to factory default. However I don't want to fully reset
> the TNC if there's a better way to get it out of KISS mode, especially
> considering I'd like to be able to switch between KISS/firmware as I move in
> and out of the shack during the day.
>
> I normally work the TNC under Linux, using LinPac, however I can switch to
> Windows/DOS if necessary. Any ideas?

If you are using SNOS, you just type .k (dot and lower case 'k')
and the TNC will be put back in normal command mode.

--

... Hank

http://horedson.home.att.net

1157. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 09:26:17 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9h6qpp.atp.nomail@linux.pe1chl.ampr.org>
Source record: 8595

Jim Jerzycke <kq6ea@amsat.org> wrote:
>I certainly don't have anything against the Packet Cluster ops in
>general. It's just this particular one has been asked repeatedly by
>myself and others if he knew he was on a frequency set aside for space
>use.
>...
>I'd better stop now before I go into my rant mode.

Well, my prejudice about DX cluster operators stems from a couple of
similar incidents (often not as much about the operating frequency)
and the general lack of interest in development of more efficient
ways of distributing multicast information that the original developers
and the majority of the userbase have shown in the past.
("we only care about the fast reliable transfer of DX information using a
standard TNC connected to a dumb terminal". that would rule out any
attempts to use UI multicasting with some special program to process the
data at the user end, ask for retransmission of missed packets, etc)

Probably there are many nice operators, and I think the software developers
that have developed clone software also have a more reasonable approach.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1158. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 10:07:47 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9evs9j01jsl@enews2.newsguy.com>
Source record: 8596

"Hank Oredson" <horedson@att.net> wrote in message
news:bXFQ6.50023$t12.3871888@bgtnsc05-news.ops.worldnet.att.net...
> >
> > http://www.northeastflexnet.org/
> >
> > On their network maps, the FlexNet nodes shown were all set up in the
last
> > couple of years. Somewhere near eighty (80) of them.
>
> And a few of them are still on air.
> But they are basically unused.
> (From phone call with someone involved in that project.)

Sorry, Hank; You have been fed a load of farina, most probably by a disgruntled LandLine Lid. I am in contact with several of the folks who ARE involved in the NE FlexNet network fairly regularly, both in Canada and the US.

Lots of LandLine Lids, and of course, hams who still cling to old, dead stuff like KISS do not like seeing the way FlexNet has engendered growth and enthusiasm that simply does not exist for their old-style stuff. Some of these luddites, having no rational arguement to make, and no truth to tell that would support the continued use of their obsolete "pet" software, tend to peddle bullshit, perhaps because that's all they can come up with to support their views.

Sour grapes..... Pretty pathetic.

73 DE Charles, N5PVL

1159. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 12:42:56 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B139950.708EF4FE@amsat.org>
Source record: 8597

Yes, I'm familiar with "The Packet Wars" for want of a better term. 1200 Baud is pretty clunky, but with rather large installed base, and Hams being what we are, I don't think there's much chance for a system wide "upgrade", at least not on 2M in the US.
Jim

1160. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 13:15:25 UTC
From: Fred Carpenter <fcarpent@ibm.com>
Message-ID: <NhNQ6.15691$qs3.6267543@news2.rdc2.tx.home.com>
Source record: 8598

I predicted the AMSAT Phase III would be a failure, and hoped
I would be wrong. I knew it would be a failure because nothing is
documented. The web page of North America hasn't changed in
a couple of years.

Now that we are done with that multi-million dollar fiasco that sucked
all the coffers dry, we need to start over, and get back to the microsats.
Ham Radio can't afford to operate this "pig in space."

Once we get an easy to track microsat, able to operate at 9600 (higher
speed is not necessary) we can do voice and data (digital voice) on the
same bird. After 10 years we should be able to get five of them up
there, and that would give you 12 hours coverage in most parts of the
world.

That's the only future packet radio has.

"Jim Jerzycke" <kq6ea@amsat.org> wrote
> Yes, I'm familiar with "The Packet Wars" for want of a better term. 1200
> Baud is pretty clunky, but with rather large installed base, and Hams
> being what we are, I don't think there's much chance for a system wide
> "upgrade", at least not on 2M in the US.
> Jim

1161. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 13:59:06 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <KWNQ6.50399$t12.3932392@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8599

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9evs9j01jsl@enews2.newsguy.com...
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:bXFQ6.50023$t12.3871888@bgtnsc05-news.ops.worldnet.att.net...
> > >
> > > http://www.northeastflexnet.org/
> > >
> > > On their network maps, the FlexNet nodes shown were all set up in the
> last
> > > couple of years. Somewhere near eighty (80) of them.
> >
> > And a few of them are still on air.
> > But they are basically unused.
> > (From phone call with someone involved in that project.)
>
> Sorry, Hank; You have been fed a load of farina, most probably by a
> disgruntled LandLine Lid. I am in contact with several of the folks who ARE
> involved in the NE FlexNet network fairly regularly, both in Canada and the
> US.

I was able to poke around that network myself.

Not much there ... compared to what WAS working prior to
(as the person involved called it) the "Flexnet disaster".

But you must know much more about the situation of course.

--

... Hank

http://horedson.home.att.net

1162. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 14:31:30 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9f0bnp0fa4@enews4.newsguy.com>
Source record: 8502

"Hank Oredson" <horedson@att.net> wrote in message
news:KWNQ6.50399$t12.3932392@bgtnsc05-news.ops.worldnet.att.net...
> > > >
> > > > http://www.northeastflexnet.org/
> > > >
> > > > On their network maps, the FlexNet nodes shown were all set up in
the
> > last
> > > > couple of years. Somewhere near eighty (80) of them.
> > >
> > > And a few of them are still on air.
> > > But they are basically unused.
> > > (From phone call with someone involved in that project.)
> >
> > Sorry, Hank; You have been fed a load of farina, most probably by a
> > disgruntled LandLine Lid. I am in contact with several of the folks who
ARE
> > involved in the NE FlexNet network fairly regularly, both in Canada and
the
> > US.
>
> I was able to poke around that network myself.
>
> Not much there ... compared to what WAS working prior to
> (as the person involved called it) the "Flexnet disaster".
>
> But you must know much more about the situation of course.
>

Yes, I do.

73 DE Charles, N5PVL

1163. Question with RTTY on 30m?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 14:37:00 UTC
From: rmclean@invalid.com
Message-ID: <3B13B3D7.D5D7689D@invalid.com>
Source record: 8600
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

Ok, over the weekend I decided to take the plunge and try the various digital modes. The modes I've played with over the weekend include PSK31, SSTV, and RTTY. I know there are more out there, but I haven't had time to mess with them yet. Here is my question, dose RTTY on 30m use a different configuration than on the other bands. I can copy RTTY fine on 20, 40, and others, but on 30m I can't see to copy anything. While tuning what I thought was a RTTY signal with MMTTY I notice that the signale had a much larger sift that with RTTY on other bands. It there a different configuration for 30m than with other bands, or perhaps this is just another mode that sounds similar to RTTY. Any Ideas?

P.S Please reply to the newsgroup as other may have simular questions. If you must reply via e-mail please use the address listed in QRZ de WO5M
--
Randy Mclean
Administrator of Novell, UNIX, NT, Network Security, and/or any thing else that users break around here(WHY IS THAT???)!

1164. Is there not PSK31 on 6 meter.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 14:47:25 UTC
From: Steve Coats <scoats@wdcsystems.com>
Message-ID: <1EOQ6.47739$9D5.2824820@newsread2.prod.itd.earthlink.net>
Source record: 8501

Hi. Name is Steve and I just have my tech license right now and I am interested in PSK31. I notice there is alot of activity on 20m but until I get my general, I cannot participate. I was wondering if anybody does PSK31 on 6 meter and what frequencies do they use.

Thanks

1165. Re: Question with RTTY on 30m?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 15:40:20 UTC
From: W4NTI <w4nti@nospammindspring.com>
Message-ID: <9f0fudktg1@slb4.atl.mindspring.net>
Source record: 8504
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

You were likely listening to the 'non-amateur' TTY signal. I believe it is encrypted and using a wierd shift. So don't worry about it.

Like you I can't find much digital activity on 30mhz, wish more folks would get on the band. It is a decent band and needs used more.

Dan/W4NTI

<rmclean@invalid.com> wrote in message news:3B13B3D7.D5D7689D@invalid.com...
> Ok, over the weekend I decided to take the plunge and try the various
> digital modes. The modes I've played with over the weekend include
> PSK31, SSTV, and RTTY. I know there are more out there, but I haven't
> had time to mess with them yet. Here is my question, dose RTTY on 30m
> use a different configuration than on the other bands. I can copy RTTY
> fine on 20, 40, and others, but on 30m I can't see to copy anything.
> While tuning what I thought was a RTTY signal with MMTTY I notice that
> the signale had a much larger sift that with RTTY on other bands. It
> there a different configuration for 30m than with other bands, or
> perhaps this is just another mode that sounds similar to RTTY. Any
> Ideas?
>
> P.S Please reply to the newsgroup as other may have simular questions.
> If you must reply via e-mail please use the address listed in QRZ de
> WO5M
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!
>
>

1166. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 16:07:18 UTC
From: mulveyr@zippy.aa2ys.ampr.org
Message-ID: <slrn9h7hqi.2ps.mulveyr@zippy.aa2ys.ampr.org>
Source record: 8503

On Tue, 29 May 2001 05:07:47 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
>
>"Hank Oredson" <horedson@att.net> wrote in message
>news:bXFQ6.50023$t12.3871888@bgtnsc05-news.ops.worldnet.att.net...
>> >
>> > http://www.northeastflexnet.org/
>> >
>> > On their network maps, the FlexNet nodes shown were all set up in the
>last
>> > couple of years. Somewhere near eighty (80) of them.
>>
>> And a few of them are still on air.
>> But they are basically unused.
>> (From phone call with someone involved in that project.)
>
>Sorry, Hank; You have been fed a load of farina, most probably by a
>disgruntled LandLine Lid. I am in contact with several of the folks who ARE
>involved in the NE FlexNet network fairly regularly, both in Canada and the
>US.
>
>Lots of LandLine Lids, and of course, hams who still cling to old, dead
>stuff like KISS do not like seeing the way FlexNet has engendered growth and
>enthusiasm that simply does not exist for their old-style stuff. Some of
>these luddites, having no rational arguement to make, and no truth to tell
>that would support the continued use of their obsolete "pet" software, tend
>to peddle bullshit, perhaps because that's all they can come up with to
>support their views.
>
>Sour grapes..... Pretty pathetic.

Have you actually tried to use the network, in person?

I've spent a fair amount of time in the NYC/Downstate area (I'm
from Upstate NY, myself), and, well armed with the northeastflexnet
maps, tried hitting some of the stations. Nada, Zip, no luck at all.
Unless the maps are wildly out of date, there certainly didn't seem
to be anything there that could be hit with 5 watts and a 1/4 wave
antenna from a stationary vehicle.

So, based on my *personal* experience, I'd have to agree with
Hank. It seems dead as a doornail.

- Rich

1167. Re: Is there not PSK31 on 6 meter.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 16:45:03 UTC
From: "L. M. Keeton" <funkhaus@hotmail.com>
Message-ID: <3b13d228_1@news.foxinternet.com>
Source record: 8505

Hi Steve!

There is indeed PSK31 on 6m. I use DigiPan
or HamScope, I set my rig for 50 MHz and the
program automatically shows the signals in the
proper freq range.

The Magic Band is called that for a reason....
The action is more sparse there in most modes;
but when you *do* find something, it can come
in from the most amazing places!

Good luck!

73,
Lisa AC7GE

Steve Coats <scoats@wdcsystems.com> wrote in message
news:1EOQ6.47739$9D5.2824820@newsread2.prod.itd.earthlink.net...
> Hi. Name is Steve and I just have my tech license right now and I am
> interested in PSK31. I notice there is alot of activity on 20m but until
I
> get my general, I cannot participate. I was wondering if anybody does
PSK31
> on 6 meter and what frequencies do they use.
>
> Thanks
>
>
>

1168. Re: Question with RTTY on 30m?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 17:29:35 UTC
From: Jim Pennino <jimp@mail.specsol.com>
Message-ID: <v9m0f9.amm.ln@mail.specsol.com>
Source record: 8506
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

In rec.radio.amateur.digital.misc rmclean@invalid.com wrote:
> Ok, over the weekend I decided to take the plunge and try the various
> digital modes. The modes I've played with over the weekend include
> PSK31, SSTV, and RTTY. I know there are more out there, but I haven't
> had time to mess with them yet. Here is my question, dose RTTY on 30m
> use a different configuration than on the other bands. I can copy RTTY
> fine on 20, 40, and others, but on 30m I can't see to copy anything.
> While tuning what I thought was a RTTY signal with MMTTY I notice that
> the signale had a much larger sift that with RTTY on other bands. It
> there a different configuration for 30m than with other bands, or
> perhaps this is just another mode that sounds similar to RTTY. Any
> Ideas?

> P.S Please reply to the newsgroup as other may have simular questions.
> If you must reply via e-mail please use the address listed in QRZ de
> WO5M
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!

I have heard a lot of non-ham rtty on 30M. This could well have been one.

Since you say it was wide shift, it probably was non-ham; 30M ham rtty
follows the same seto of conventions as all the other bands.

Jim Pennino

1169. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-29 21:24:44 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9f13uj01je3@enews3.newsguy.com>
Source record: 8507

"Richard Mulvey" <mulveyr@zippy.aa2ys.ampr.org> wrote in message
news:slrn9h7hqi.2ps.mulveyr@zippy.aa2ys.ampr.org...

Great company you are keeping, Hank.

73 DE Charles, N5PVL

1170. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 01:13:44 UTC
From: mulveyr@zippy.aa2ys.ampr.org
Message-ID: <slrn9h8hus.38l.mulveyr@zippy.aa2ys.ampr.org>
Source record: 8508

On Tue, 29 May 2001 16:24:44 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
>
>"Richard Mulvey" <mulveyr@zippy.aa2ys.ampr.org> wrote in message
>news:slrn9h7hqi.2ps.mulveyr@zippy.aa2ys.ampr.org...
>
>Great company you are keeping, Hank.
>

Oddly enough, I seem to recall that Hank and I have had a number of USENET disagreements over the years. :-)

Did you have anything meaningful to add, or are you just trying to change the subject and prevent people from noticing that you're posting incorrect, and or/outdated information?

- Rich

1171. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 01:38:57 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <RaYQ6.51628$t12.4037881@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8509

"Richard Mulvey" <mulveyr@zippy.aa2ys.ampr.org> wrote in message
news:slrn9h7hqi.2ps.mulveyr@zippy.aa2ys.ampr.org...
> On Tue, 29 May 2001 05:07:47 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
> >
> >"Hank Oredson" <horedson@att.net> wrote in message
> >news:bXFQ6.50023$t12.3871888@bgtnsc05-news.ops.worldnet.att.net...
> >> >
> >> > http://www.northeastflexnet.org/
> >> >
> >> > On their network maps, the FlexNet nodes shown were all set up in the
> >last
> >> > couple of years. Somewhere near eighty (80) of them.
> >>
> >> And a few of them are still on air.
> >> But they are basically unused.
> >> (From phone call with someone involved in that project.)
> >
> >Sorry, Hank; You have been fed a load of farina, most probably by a
> >disgruntled LandLine Lid. I am in contact with several of the folks who ARE
> >involved in the NE FlexNet network fairly regularly, both in Canada and the
> >US.
> >
> >Lots of LandLine Lids, and of course, hams who still cling to old, dead
> >stuff like KISS do not like seeing the way FlexNet has engendered growth and
> >enthusiasm that simply does not exist for their old-style stuff. Some of
> >these luddites, having no rational arguement to make, and no truth to tell
> >that would support the continued use of their obsolete "pet" software, tend
> >to peddle bullshit, perhaps because that's all they can come up with to
> >support their views.
> >
> >Sour grapes..... Pretty pathetic.
>
> Have you actually tried to use the network, in person?
>
> I've spent a fair amount of time in the NYC/Downstate area (I'm
> from Upstate NY, myself), and, well armed with the northeastflexnet
> maps, tried hitting some of the stations. Nada, Zip, no luck at all.
> Unless the maps are wildly out of date, there certainly didn't seem
> to be anything there that could be hit with 5 watts and a 1/4 wave
> antenna from a stationary vehicle.
>
> So, based on my *personal* experience, I'd have to agree with
> Hank. It seems dead as a doornail.

In the Boston area there are still a few of the flex nodes on air.

Mostly they don't connect much of anywhere, but you can hit
a few of them with 25W and a yagi from the northern suburbs.

May be a couple in the Berkshires still, and around Albany.

The northern links (via Vermont into Montreal) seem to be gone.

But Charles knows much more about this than people who have
been there and actually observed the situation.

Perhaps someone in the area will comment.

--

... Hank

http://horedson.home.att.net

1172. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 01:40:08 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <YbYQ6.51634$t12.4037917@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8510

"Richard Mulvey" <mulveyr@zippy.aa2ys.ampr.org> wrote in message
news:slrn9h8hus.38l.mulveyr@zippy.aa2ys.ampr.org...
> On Tue, 29 May 2001 16:24:44 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
> >
> >"Richard Mulvey" <mulveyr@zippy.aa2ys.ampr.org> wrote in message
> >news:slrn9h7hqi.2ps.mulveyr@zippy.aa2ys.ampr.org...
> >
> >Great company you are keeping, Hank.
> >
>
> Oddly enough, I seem to recall that Hank and I have had a number of USENET
disagreements
> over the years. :-)

Which, of course, has nothing to do with the present discussion.
We might agree on some things, and disagree on others, but on
this topic we seem to have OBSERVED the same thing.

> Did you have anything meaningful to add, or are you just trying to change the
subject and
> prevent people from noticing that you're posting incorrect, and or/outdated
information?

Yup.

--

... Hank

http://horedson.home.att.net

1173. Problem with KAM+ "busy" on connect

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 05:03:00 UTC
From: wq1o@gis.net
Message-ID: <52c69878.0105292103.4f658835@posting.google.com>
Source record: 8511

Hello to all,
Thanks to everyone who reads this message. I have been out of packet radio for several years. Recently we have been putting together a series of packet stations for ARES usage. I tried to use my cmsg command to auto transfer to the PBBS, as stated in the manual. It works ok for a while, then just sends a "busy" disconnected message when someone tries to connect to the main call. the PBBS can still be reached with the call plus the ssid, but no direct connection or auto transfer is possible. Now, this occurs at all times no matter which way I have the cmsg command set to(eg. off, on). I can't receive direct connection for keyboarding, once this occurs. After resets (Hard and soft), it seems ok for a few hours . Then it goes to just "busy" disconnected, even with cmsg off. I have tried everything I can to correct. I have done hard resets, battery replacements, ect, with no results. My conok is on. There is no bud list. Users and maxusers is set properly. I am using firmware version 7.0. Now 3 of my friends are having the same trouble with both Kam+s and Kpc3s. All of them have different firmwares. It must be something simple, but its been a long time for me out of packet. Any help you can provide would be greatly appreciated. Thanks in Advance. 73s Frank WQ1O

1174. MixW 2.0 RC5

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 09:14:06 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9f2dmunbp2@bob.news.rcn.net>
Source record: 8512

Hi Fellow Warblers and other Digital users.. MixW 2.0 RC5 now with new features and Zoom in its' SSTV module has been posted on my website which is: http://www.nvbb.net/~jaffejim/downloads.htm. The following changes have been made to the program:
RC5:
- new DxCluster dialog
- SSTV ZOOM window
- New macros added:
<MODE> prints current mode
<KHZ:n> Frequency in kHz with n digits after decimal point
<KHZ> the same as above with n = 0
<MHZ:n> Frequency in MHz with n digits after decimal point
<MHZ> the same as above with n = 1
- Some bugs fixed
- Expiration date is set to June 30.

For your information MixW 2.0 is the 2nd edition of our PSK oriented multi-mode software version 2.0 features:
PSK/QPSK/FSK31, RTTY any speed any shift High and Low tones, CW, MT63, MFSK, Hellschreiber, Throb, Fax RX only, Pactor FEC, Amtor FEC, SSTV now with Zoom plus other extras, Contest Logging, High Speed "Normal" Logging, Call book support, plus much more. Illustrated Help files both in English and Spanish.. Best 73 and good luck..Jim, WA2VOS

1175. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 13:05:52 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9f2r5501ejc@enews3.newsguy.com>
Source record: 8513

"Hank Oredson" <horedson@att.net> wrote in message
news:YbYQ6.51634$t12.4037917@bgtnsc05-news.ops.worldnet.att.net...
>

Gee, like it was any sweat off my ass if a LandLine Lid and a usenet Troll disagree with me.

I trust the word of the folks who actually build network over that of LandLine Lids of any description. I'm afraid that leaves you boys out in the cold. "Think" what you like. - Meanwhile, lots of Hams are having fun despite your piss-ant attempts at denial.

I used to think that Hank encouraged people who build network. Now I know better, and will not take his claims to do so seriously in the future. Might as well polish up your telephone connections, Hank. Crawl in and snuggle up with your LandLine Lid buddies, so you can more effectively denigrate the efforts of people who actually build network, as oppposed to whatever it is that you allegedly do.

;-)

Charles, N5PVL

1176. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 15:28:11 UTC
From: rich@zippy.aa2ys.ampr.org
Message-ID: <slrn9ha40v.4fm.rich@zippy.aa2ys.ampr.org>
Source record: 8514

On Wed, 30 May 2001 08:05:52 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
>
>"Hank Oredson" <horedson@att.net> wrote in message
>news:YbYQ6.51634$t12.4037917@bgtnsc05-news.ops.worldnet.att.net...
>>
>
>Gee, like it was any sweat off my ass if a LandLine Lid and a usenet Troll
>disagree with me.
>
>I trust the word of the folks who actually build network over that of
>LandLine Lids of any description. I'm afraid that leaves you boys out in the
>cold. "Think" what you like. - Meanwhile, lots of Hams are having fun
>despite your piss-ant attempts at denial.
>
>I used to think that Hank encouraged people who build network. Now I know
>better, and will not take his claims to do so seriously in the future. Might
>as well polish up your telephone connections, Hank. Crawl in and snuggle up
>with your LandLine Lid buddies, so you can more effectively denigrate the
>efforts of people who actually build network, as oppposed to whatever it is
>that you allegedly do.

So, just to clarify your response, what you're saying is:

"No, I haven't actually used the network that I've been promoting,
and even though people can't actually find any nodes that still
exist, and *NOBODY* has stepped forward to support my claim that the
network is alive and well, I'm going to try some ad-hominim attacks,
just to try to deflect attention away from the fact that I have no idea what
I'm talking about, and that I've dug myself into a deep hole."

All I can say, Charles, is that you're trying to promote something,
you REALLY need to get your facts straight, or you look like
even more of a fool than you apparently are. It's admirable that
you want to try to promote networking. Your skills at doing so,
however, lead me to believe that you should let someone else
do the talking.

If you can't do that, then I suggest you put your money
where your mouth is. Provide me with a list of say, 20 nodes
that I can hit along the Eastern & Southern corridors of NY,
and the NYC area. If the maps on the web are in any way accurate,
this should be trivial. When I'm down there at the end of the
month, I'll see how many are actually in operation. I'll be happy
to report on which ones are more than a figment of your
imagination in this group.

Deal?

- Rich

1177. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-30 20:44:50 UTC
From: JB <ac6tk@nospamcybertime.net>
Message-ID: <9f3m45$2j7$1@madmax.keyway.net>
Source record: 8515
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.spac

I'll do it for $3,500,000. 2 year contract. No guarantees.

Jim Bradshaw, ac6tk@cybertime.net
http://www.cybertime.net/~ac6tk

"Tim Willson" <tim.willson@state.mn.us> wrote in message
news:3B11DE3E.EA5ADEC6@state.mn.us...
: Anyone have any success or or suggestions about the method and
: equipment used to recover spread spectrum cordless telephone
: transmissions? They are in the 902 to 927 mHz range. Thanks
: for answering here, so that all may benefit.
:

1178. Re: LOOKING FOR LINUX AX25 INFO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 01:19:09 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <h_gR6.56308$4f7.4198528@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8516

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9f2r5501ejc@enews3.newsguy.com...
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:YbYQ6.51634$t12.4037917@bgtnsc05-news.ops.worldnet.att.net...
> >
>
> Gee, like it was any sweat off my ass if a LandLine Lid and a usenet Troll
> disagree with me.
>
> I trust the word of the folks who actually build network over that of
> LandLine Lids of any description. I'm afraid that leaves you boys out in the
> cold. "Think" what you like. - Meanwhile, lots of Hams are having fun
> despite your piss-ant attempts at denial.
>
> I used to think that Hank encouraged people who build network. Now I know
> better, and will not take his claims to do so seriously in the future. Might
> as well polish up your telephone connections, Hank. Crawl in and snuggle up
> with your LandLine Lid buddies, so you can more effectively denigrate the
> efforts of people who actually build network, as oppposed to whatever it is
> that you allegedly do.

Charles, you have confused someone else's comments with mine.
I always have, and continue, to promote ham radio. I've done
so since before you were born for heavens sake.

However, when anyone observes the exact same thing I have
observed, I *will* agree with them, no matter they are a Land Line
Lid, a CBer, or even (heaven forfend!) a Texan.

--

... Hank

http://horedson.home.att.net

1179. Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 01:37:21 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <lfhR6.56362$4f7.4201399@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8517

There seem to be only two kinds of TNCs (or other digital controllers)
available now: Some plug into the ISA bus, others hang off a serial port.

The ISA bus is dead meat. Serial ports only run at fairly high latency.

The cost of an ethernet interface has dropped to near zero.

Why no TNCs with ethernet interface?

Why would I like one?

With 100 base T or Gigabit ethernet, I get very low latency of communications
between the controller and the host computer. I get a standard well-known and
easy to implement interface. I get standard easily available cables.

What could that interface do for me?

The TNC could tell me "The channel has had no activity during the
past 1 millisecond", "An AX.25 frame with destination xxxx is about
to arrive", "The channel has just gone quiet", "The last queued frame
was just transmitted", and many other fine grain details of the layer
1 and 2 activity. This would allow me to write generic "smart" drivers.

There is one thing required to make an interface like this useful:
a standard set of messages between the computer and the TNC.
Something manufacturers could include in their firmware.
Something that would replace "KISS" and "HOSTMODE" and
"6PACK" and the other protocols used for communication between
the host computer and the controller.

Maybe some organization might "step up to the plate" and design
a prototype of such a controller. TAPR did this in the long distant
past, perhaps they could do it again. (That was flame bait, for those
who didn't figure it out (smile)).

Would there be enough demand for a new generation of controllers
based on this concept? How many per month is "enough"?

Anyone want to do a business plan?

--

... Hank

http://horedson.home.att.net

1180. FS: 2) UHF MITREKS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 02:07:56 UTC
From: cannonball@erly.com
Message-ID: <0IhR6.57593$0a.1632157@news.easynews.com>
Source record: 8518

I am posting this for a friend who does not have a news feed.
His call is N0QXH and his name is Lars. He has 2) 75-100W
UHF MITREKS, with control heads and cables. They are in
very good condition and of course, operational. MITREKS
are easily modded for 9600 baud operation and articles
detailing the process abound. He is asking $75.00 each,
plus shipping. If you are interested contact him, not me. His
email address is: lahall@unique-software.com

73, John, K0PW

1181. Embedded Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 03:12:37 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <FEiR6.24450$qs3.10854582@news2.rdc2.tx.home.com>
Source record: 8519

Good Article:

http://embedded.linuxjournal.com/magazine/issue03/4551/

1182. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 03:29:20 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B15BA90.A297A73E@amsat.org>
Source record: 8520

Sounds good to me. One question, though. What types of modems should it support? Should it have a "modem disconnect header" to allow different flavors? Could it be done with DSP? I've never been involved with this type of hardware design, so please excuse me if some of my questions seem trivial.
73, Jim

1183. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 03:52:35 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <7ejR6.24529$qs3.11000287@news2.rdc2.tx.home.com>
Source record: 8521

"Hank Oredson" wrote
>
> [edited]
>
> The TNC could tell me "The channel has had no activity during the
> past 1 millisecond", "An AX.25 frame with destination xxxx is about
> to arrive", "The channel has just gone quiet", "The last queued frame
> was just transmitted", and many other fine grain details of the layer
> 1 and 2 activity. This would allow me to write generic "smart" drivers.

Comments below.

> Maybe some organization might "step up to the plate" and design
> a prototype of such a controller. TAPR did this in the long distant
> past, perhaps they could do it again. (That was flame bait, for those
> who didn't figure it out (smile)).

Those days are over. There are better ways to do small production
runs. I'm currently looking at a company in Phoenix that does runs
of 500, or even one (if you can stand the cost) :-) They use surface
mount techniques.

> Would there be enough demand for a new generation of controllers
> based on this concept? How many per month is "enough"?
>
> Anyone want to do a business plan?

I am guilty of procrastinating severely, but I did get some samples from
www.dvsinc.com of their AMBE 2020 chip, but need to get some
samples of the AMBE 2000 chip. The latter is Half-Duplex, while
the former is Full. These are voice compression (2.0 - 9.6 kbps
with FEC). What I planned to do was make a surface mount board
that allowed me to use a wire-wrap or other technique of interfacing
with other DIP type chips. But, that turned out to be a waste of money.

I have been working on a functional block diagram of a board that
does both voice and data. In my case I'm not too concerned about
lots of data, but things like alphanumeric pager messages, callsign,
bearing and range via GPS coordinates (to the repeater or other
users, etc). I would love to try 2400, 4800 baud as well as 9600.

I contacted an engineer who does surface mount designs, and after
a month of legal documents and a 40 page checklist, I threw in the
towel. He's good, but he's more of a lawyer than an engineer :-)
For every technical question he had a legal one...

I envision a black box with an Ethernet connection to the network,
or a 3 volt TTL to an embedded processor (handheld). I'm
thinking of using an APRS interface at the repeater, which would
relay the GPS position of users, callsigns, and messages onto 144.390.
With a full duplex repeater, use of a FIFO can be done away
with, as two of these Ethernet devices can be placed on the net
(transmitter and receivers don't have to be co-located with the
use of cable-modems or DSL).

Do you think any of those ideas mesh with your ideas?

Steve

1184. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 05:39:03 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <XNkR6.56759$4f7.4253201@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8522

"Steve Sampson" <k5okc@nospam.home.com> wrote in message
news:7ejR6.24529$qs3.11000287@news2.rdc2.tx.home.com...
> "Hank Oredson" wrote
> >
> > [edited]
> >
> > The TNC could tell me "The channel has had no activity during the
> > past 1 millisecond", "An AX.25 frame with destination xxxx is about
> > to arrive", "The channel has just gone quiet", "The last queued frame
> > was just transmitted", and many other fine grain details of the layer
> > 1 and 2 activity. This would allow me to write generic "smart" drivers.
>
> Comments below.
>
> > Maybe some organization might "step up to the plate" and design
> > a prototype of such a controller. TAPR did this in the long distant
> > past, perhaps they could do it again. (That was flame bait, for those
> > who didn't figure it out (smile)).
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> runs. I'm currently looking at a company in Phoenix that does runs
> of 500, or even one (if you can stand the cost) :-) They use surface
> mount techniques.
>
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> >
> > Anyone want to do a business plan?
>
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> the former is Full. These are voice compression (2.0 - 9.6 kbps
> with FEC). What I planned to do was make a surface mount board
> that allowed me to use a wire-wrap or other technique of interfacing
> with other DIP type chips. But, that turned out to be a waste of money.
>
> I have been working on a functional block diagram of a board that
> does both voice and data. In my case I'm not too concerned about
> lots of data, but things like alphanumeric pager messages, callsign,
> bearing and range via GPS coordinates (to the repeater or other
> users, etc). I would love to try 2400, 4800 baud as well as 9600.
>
> I contacted an engineer who does surface mount designs, and after

> a month of legal documents and a 40 page checklist, I threw in the
> towel. He's good, but he's more of a lawyer than an engineer :-)
> For every technical question he had a legal one...
>
> I envision a black box with an Ethernet connection to the network,
> or a 3 volt TTL to an embedded processor (handheld). I'm
> thinking of using an APRS interface at the repeater, which would
> relay the GPS position of users, callsigns, and messages onto 144.390.
> With a full duplex repeater, use of a FIFO can be done away
> with, as two of these Ethernet devices can be placed on the net
> (transmitter and receivers don't have to be co-located with the
> use of cable-modems or DSL).
>
> Do you think any of those ideas mesh with your ideas?

I was thinking of 56k and T1 actually.
Nothing at all to do with applications, leave those to the host computer.
i.e. not an "application box" but a modem.
Hook whatever radio(s) and computer(s) you like to it.
Something as simple and cheap as possible, handling only layer 1.

--

... Hank

http://horedson.home.att.net

1185. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 05:49:17 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <xXkR6.56768$4f7.4254381@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8523

"Jim Jerzycke" <kq6ea@amsat.org> wrote in message
news:3B15BA90.A297A73E@amsat.org...
> Sounds good to me. One question, though. What types of modems should it
> support? Should it have a "modem disconnect header" to allow different
> flavors? Could it be done with DSP? I've never been involved with this
> type of hardware design, so please excuse me if some of my questions
> seem trivial.

My guess (and someone who knows can correct me here) is that the ethernet
interface itself should be in the $5 range, thus putting the majority of the
cost in the rest of the components (processor, memory, modem).

I like the idea of a modular box: different modems could be plugged in,
designed in, or enabled/disabled via manufacturing option.

Steve's comments in his post are to the point as well: what features
must it have to be marketable. My thoughts ran along the lines of
something simple, with all the upper level protocol and application
living on the host computer. I think Steve had in mind something more
stand-alone, with applications embeded. No reason one could not
design something that could be configured both ways (?).

Another option is a box that includes the radio, making it similar to a
wireless
hub, but without the protocol above layer 1 in the box.

Yet another option would be any of the existing TNC designs, but
with ethernet replacing the serial port. This design has the advantage
of being fairly conservative.

The thing I like about using ethernet as the interface is that I could
stick a batch of these things on a hub or switch, remote from the
host computer, perhaps up the tower where the antennas are located.

--

... Hank

http://horedson.home.att.net

1186. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 06:20:46 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <2plR6.25155$qs3.11449824@news2.rdc2.tx.home.com>
Source record: 8524

"Hank Oredson" wrote
>
> Something as simple and cheap as possible, handling only layer 1.

I got you. Like a DSY modem with Ethernet instead of RS-422,
and the control feedback data.

1187. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 07:06:06 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B15ED5C.D20670B8@dioxine.com>
Source record: 8525

Hank Oredson wrote:

> Why no TNCs with ethernet interface?

It is a splendid idea, one with which I toyed several years ago. As a
product, I don't think the general packet user community is interested in
such a thing, though.

> Would there be enough demand for a new generation of controllers
> based on this concept? How many per month is "enough"?
>
> Anyone want to do a business plan?

The cynic in me asks "how much can you afford to lose?" before figuring
out if even one could be sold as a product. I suspect you could sell 1000
of 'em in maybe a year; suppose it only costs $50,000 to design and bring
to manufacture one of these (which means a lot of stuff is done for free
by the designers), this is still $50 of NRE to recover in each unit. On top
of that, I suspect the retail price of the TNC would be this *plus* the cost
of a current comparable TNC at the minimum, probably more like $400+
each.

In other words, I don't think this is feasible in a conventional way.

On the other hand, something like an Enbedded PC with integral Ether and
Sound plus a Compact Flash boot disk might be just the ticket for an
embedded Linux + soundcard AX.25 implementation. The only NRE
is software. Embedded PCs aren't exactly cheap but I doubt they're any
more expensive than a custom purpose-built TNC. An Advantech PCM-5820
with audio retails for about $400; add $60 for a Compact Flash boot
device and $20 for a box and odds-n-ends and you're not that much more
than I suspect you could retail a custom Ether TNC for.

Keep in mind that such a Linux-based solution could likely do a lot more than
the custom TNC solution and would leverage existing development tools
and experience.

Dana K6JQ
dana@source.net

1188. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 07:23:44 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <b8pbhtsst7j7rgj34f5hllsvi9reuj3npj@4ax.com>
Source record: 8526

On Thu, 31 May 2001 01:37:21 GMT, "Hank Oredson" <horedson@att.net>
wrote:

>There seem to be only two kinds of TNCs (or other digital controllers)
>available now: Some plug into the ISA bus, others hang off a serial port.

>The ISA bus is dead meat. Serial ports only run at fairly high latency.

At typical ham RF speeds up to 56k the standard PC serial interface at
115200 bit/s, the latency is not a big problem with suitable
protocols. You should be able to get information within a millisecond
when the channel becomes free or busy.

>The cost of an ethernet interface has dropped to near zero.

>Why no TNCs with ethernet interface?

Using bare bone promiscuous mode ethernet is problematic, since all
operating systems do not support it and in most cases you would need a
separate ethernet card in the PC for this connection.

UDP is not much more complex than promiscuous mode ethernet and most
operating systems support it on the standard interface card.

A TCP/IP stack is very complicated, requiring a lot of buffer space
and are thus hard to implement on a small micro controller in a TNC or
similar external modem. While there have been stories about web
servers on a PIC, these are heavily stripped down versions of the
protocol specification. If you attempt to use TCP/IP for realtime, it
fails very easily due to unpredictable propagation delays e.g. due to
retransmissions. In a typical realtime system, there is a lot of data
that becomes useless, if it does not arrive on time, thus, there is no
point of retransmitting it.

Thus, I think that running UDP over ethernet would be the best
alternative for such a connection between a TNC (or whatever it would
be called) and a PC.

> "An AX.25 frame with destination xxxx is about to arrive",

You don't know that until you have checked the CRC. Doing any
decisions (other than this is addressed to me) based on the address in
header without checking for corrupted addresses is very dangerous.

Paul OH3LWR

1189. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 07:44:20 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9hbtik.l2.nomail@linux.pe1chl.ampr.org>
Source record: 8527

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Sounds good to me. One question, though. What types of modems should it
>support? Should it have a "modem disconnect header" to allow different
>flavors? Could it be done with DSP? I've never been involved with this
>type of hardware design, so please excuse me if some of my questions
>seem trivial.

Several years ago, at least 5 I think, a small group here (involved in the
PA0HZP OptoPcScc card as well) did a design like this:

- Motorola 68EN360
- Boot prom
- DRAM SIMM
- 3 "high speed modem disconnect headers" (German DF9IC standard),
would each run at megabit speeds in fullduplex
- ethernet interface

It was intended to be the successor of the SCC card. It would run as
a router connected to a PC or Mac (running some downloaded copy of NOS,
for example), or it could be used in a node. When more than 3 radio
ports are required, just put more of them on an ethernet LAN. On a
node/BBS, the BBS would run on a PC also on the LAN.

Looked very neat. Schematics were drawn (very simple with this chip),
and I even talked a little with a manufacturer. I studied the 68EN360
databook and prepared to write the drivers.

Problem: it would be more expensive than a TNC or SCC card. We already
found that many hams were hesitating to buy an SCC card, which we were
then selling at about $80 in kit form. Home users wanted something as
simple as a Baycom modem and were not interested in speeds upwards of
1200 bps.

We would have to design a 4- or 6-layer PCB and would have to run a batch
of about 100 boards to be anything near cost-effective. It would be very
difficult to get these boards sold, as there is only a relatively small
group of people interested in high-performance packet.

What killed it at that time, was that several people were starting to
undercut the SCC card project by just copying the design and selling
slightly cheaper. The local packet radio society, PWGN, favored selling
these clones over the original product. So PA0HZP, who personally took
the risk to order PCBs in batches of 100 and later 200 pieces, was left
with many unsold boards. It seemed to be unwise to start another project,
risking that it would end up the same way. After all this was not setup
as a profitable business, but was all done as a hobby and by volunteers.

So the project just died there. I have read sometime about a German project around the same chip and with similar design goals, it may be that they got a working product at the end.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1190. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 08:18:38 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9hbviu.l2.nomail@linux.pe1chl.ampr.org>
Source record: 8528

Paul Keinanen <keinanen@sci.fi> wrote:
>>Why no TNCs with ethernet interface?

>Using bare bone promiscuous mode ethernet is problematic, since all
>operating systems do not support it and in most cases you would need a
>separate ethernet card in the PC for this connection.

>UDP is not much more complex than promiscuous mode ethernet and most
>operating systems support it on the standard interface card.

>A TCP/IP stack is very complicated, requiring a lot of buffer space
>and are thus hard to implement on a small micro controller in a TNC or
>similar external modem. While there have been stories about web
>servers on a PIC, these are heavily stripped down versions of the
>protocol specification. If you attempt to use TCP/IP for realtime, it
>fails very easily due to unpredictable propagation delays e.g. due to
>retransmissions. In a typical realtime system, there is a lot of data
>that becomes useless, if it does not arrive on time, thus, there is no
>point of retransmitting it.

>Thus, I think that running UDP over ethernet would be the best
>alternative for such a connection between a TNC (or whatever it would
>be called) and a PC.

I think you should not attempt to implement a KISS TNC anymore, not on
ethernet and not on ASYNC.

When an external unit, connected to ethernet, is to run packet radio, it
should function as an IP router. When you want to run bare AX.25
connections, it should implement a stream protocol over the ethernet to
feed data from/to an AX.25 engine running on the external unit.

So:

PC <-- IP over ethernet --> black box -> IP over AX.25

PC <-- TCP/IP over ethernet --> black box -> AX.25 connection

And possibly:

PC <-- UDP/IP over ethernet --> black box -> AX.25 UI frames (e.g. APRS)

The channel access should be done by the external box in any case. The PC
should not be (timing-wise) involved in the decision to key the
transmitter. Then there are no realtime problems, and you don't see
the terrible on-air performance so wellknown from KISS-based systems.

Of course you will need some software in the external box. It is complicated, yes, but it can mostly be built from existing open-source stuff. It could run an embedded Linux, or a version of NOS. You would "only" need to write the drivers, and those would be needed anyway.

The single-chip controllers that do have the required ethernet interface and one or more fast HDLC-capable interfaces already do have a CPU powerful enough to run such software. You would not use a PIC for this box. 5 years ago, when we looked at this, the 68EN360 or 68EN320 looked promising. Undoubtedly, other controllers have been released in the meantime.
(Motorola also released a controller with both a 68K CPU and a 56K DSP on a single chip at that time)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1191. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 10:20:14 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9f55qi0pkh@enews4.newsguy.com>
Source record: 8529

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3B15ED5C.D20670B8@dioxine.com...
>
> On the other hand, something like an Enbedded PC with integral Ether and
> Sound plus a Compact Flash boot disk might be just the ticket for an
> embedded Linux + soundcard AX.25 implementation. The only NRE
> is software. Embedded PCs aren't exactly cheap but I doubt they're any
> more expensive than a custom purpose-built TNC. An Advantech PCM-5820
> with audio retails for about $400; add $60 for a Compact Flash boot
> device and $20 for a box and odds-n-ends and you're not that much more
> than I suspect you could retail a custom Ether TNC for.
>

We recently obtained a few (PC-104) embedded PC's for a FlexNet project. For about 250 bux each, we got 386-33's with 1 MB RAM, 1 MB Flash card. 5"x5" in size, no moving parts. The development kit, which included one embedded PC along with all the goodies needed to set the little things up cost around $425.00.. These units run on 5 volts. We have found it possible to power the PC-104's from the radios we are using, which have 5vdc available in a plug intended for some kind of accessory we do not have.

The dev kit comes with a terminal program. Run a serial link to the PC-104 and the terminal program gives you the mini-PC's C:\ prompt. No need for a video card or monitor, just use a regular PC or laptop to set it up, then jerk the serial cord and it stands alone.

We are looking into the possibility of putting the computer inside the case of a (working) MFJ 1270c, adding an additional 9-pin serial connector to the back for terminal access to the mini-PC, using the TNC's 9-pin serial connector to connect two other 1270c's a'la 6-Pack.

Digressing for a moment back to the actual thread here; I remember this same discussion quite a while back, on one of the TAPR reflectors. Much of it was word-for-word, what has been said here. It was a great idea then, and it's a great idea now. One thing I have trouble understanding is why it would have to be so expensive (making a decent run of them, of course, instead of just a few dozen.)

Charles, N5PVL

1192. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 14:01:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <L8sR6.57422$4f7.4305710@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8530

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:b8pbhtsst7j7rgj34f5hllsvi9reuj3npj@4ax.com...
> On Thu, 31 May 2001 01:37:21 GMT, "Hank Oredson" <horedson@att.net>
> wrote:
>
> >There seem to be only two kinds of TNCs (or other digital controllers)
> >available now: Some plug into the ISA bus, others hang off a serial port.
>
> >The ISA bus is dead meat. Serial ports only run at fairly high latency.
>
> At typical ham RF speeds up to 56k the standard PC serial interface at
> 115200 bit/s, the latency is not a big problem with suitable
> protocols. You should be able to get information within a millisecond
> when the channel becomes free or busy.

Ok for 56k, not ok for T1 or faster.

> >The cost of an ethernet interface has dropped to near zero.
>
> >Why no TNCs with ethernet interface?
>
> Using bare bone promiscuous mode ethernet is problematic, since all
> operating systems do not support it and in most cases you would need a
> separate ethernet card in the PC for this connection.

Use connected mode ethernet.

> UDP is not much more complex than promiscuous mode ethernet and most
> operating systems support it on the standard interface card.

Yes.

> A TCP/IP stack is very complicated, requiring a lot of buffer space
> and are thus hard to implement on a small micro controller in a TNC or
> similar external modem. While there have been stories about web
> servers on a PIC, these are heavily stripped down versions of the
> protocol specification. If you attempt to use TCP/IP for realtime, it
> fails very easily due to unpredictable propagation delays e.g. due to
> retransmissions. In a typical realtime system, there is a lot of data
> that becomes useless, if it does not arrive on time, thus, there is no
> point of retransmitting it.

Memory is cheap. But I see no point in having tcp/ip in the
controller. Ethernet should be sufficient.

> Thus, I think that running UDP over ethernet would be the best
> alternative for such a connection between a TNC (or whatever it would

> be called) and a PC.

Perhaps I'm being stupid this morning, but I do not see the need
for anything other than ethernet as the protocol.

> > "An AX.25 frame with destination xxxx is about to arrive",
>
> You don't know that until you have checked the CRC. Doing any
> decisions (other than this is addressed to me) based on the address in
> header without checking for corrupted addresses is very dangerous.

Um ... you don't know a CORRECT or COMPLETE frame has
arrived until it has all arrived, but once you have the destination
address, you can begin to set up the response buffer, etc. etc.
so everything is ready to go once the checksum is verified.

The equivalent of speculative execution: you might have to toss
something back into the buffer pool when the checksum fails,
but if it does not fail, which will be the usual case, you lower
the latency of the response. You can also adjust the delayed
ack timer and do other interesting timing calculations.

Maybe that is over-aggresive. But I would like to be able to
experiment with the ideas before rejecting them.

--

... Hank

http://horedson.home.att.net

1193. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 14:17:11 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B16525D.E5A59E45@dioxine.com>
Source record: 8531

Hank Oredson wrote:

> "Paul Keinanen" <keinanen@sci.fi> wrote in message
> news:b8pbhtsst7j7rgj34f5hllsvi9reuj3npj@4ax.com...
> > Thus, I think that running UDP over ethernet would be the best
> > alternative for such a connection between a TNC (or whatever it would
> > be called) and a PC.
>
> Perhaps I'm being stupid this morning, but I do not see the need
> for anything other than ethernet as the protocol.

The simple act of encapsulating the frames in UDP buys a level of independence from the physical network at virtually no cost. Host software built on top of UDP would likely not need to change if the physical network were to change; also, API support for UDP is probably better than 'raw' Ethernet in most OSes and libraries.

Dana K6JQ
dana@dioxine.com

1194. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 14:24:55 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <XusR6.57440$4f7.4308814@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8532

"Steve Sampson" <k5okc@nospam.home.com> wrote in message
news:2plR6.25155$qs3.11449824@news2.rdc2.tx.home.com...
> "Hank Oredson" wrote
> >
> > Something as simple and cheap as possible, handling only layer 1.
>
> I got you. Like a DSY modem with Ethernet instead of RS-422,
> and the control feedback data.

Yes.

From most of the responses, I think my description of what I want
to be able to do was not very clear. Will try again with some different
examples and maybe that will help.

I want to be able to connect one of these devices to the ethernet
switch that sits near the ham radio equipment, or into the hub that
sits over in the other room, or into the mini-hub upstairs. Then I
want any host on my network to be able to access it.

Some hosts may run tcp/ip over the radio, others may run ax.25 or flexnet.
May want to run clover or pactor-II or psk31. I do not want those
protocols built into the controller, any more than I want tcp/ip built
into my ethernet card.

i.e. I want a more-or-less generalized MAC (Media Access Controller)
that gives the hosts access to RF via whatever radio(s) are attached
to the device. This implies DSP in the device eventually, and some ability
to upload soft modems to it. Did not envision anything beyond layer 1
in the device, because I want the layer 2 and above protocol in the
individual hosts that make use of the radio(s) attached to the device.

For an initial prototype something like the DSY modem with
ethernet would be just fine ... there is little to invent.

I've not done a search for chips with cpu/ethernet/scc (for example)
but if one does not exist it should be simple to create from standard
cells/macros/whatever in a custom chip. One could always prototype
with several chips if needed.

As has been pointed out, doing much of anything interesting will
take at least $50k up front, and I suspect at least twice this
amount, since there will be some software involved.

How to make a viable business? The experience of many existing
companies hints that there must be commercial application before
it is worth even doing a business plan. Has to be a market for at

least several tens of thousands of devices?

--

... Hank

http://horedson.home.att.net

1195. psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 17:18:23 UTC
From: AA1LL <nospam@newsranger.com>
Message-ID: <z1vR6.7261$rn5.338646@www.newsranger.com>
Source record: 8533

Hi, I'm thinking about building my own stripped down PSK31 modulator + demodulator and have zero experience with it. How much of the time is the QPSK mode used? If you only have the BPSK mode without the convolutional encoding and Viterbi decoding, can you still make halfway decent QSOs? How about with QRP? Thanks for any help,

73, Paul, AA1LL
Mason, NH
http://www.qsl.net/aa1ll

1196. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 18:10:50 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10105311758460.14489-100000@exp.bde-arc.ampr.org>
Source record: 8534

On Thu, 31 May 2001, Hank Oredson wrote:
> "Steve Sampson" <k5okc@nospam.home.com> wrote in message
> news:7ejR6.24529$qs3.11000287@news2.rdc2.tx.home.com...
> > "Hank Oredson" wrote
> > >
> > > [edited]
> > >
> > > The TNC could tell me "The channel has had no activity during the
> > > past 1 millisecond", "An AX.25 frame with destination xxxx is about
> > > to arrive", "The channel has just gone quiet", "The last queued frame
> > > was just transmitted", and many other fine grain details of the layer
> > > 1 and 2 activity. This would allow me to write generic "smart" drivers.
> >
> > Comments below.
> >
> > > Maybe some organization might "step up to the plate" and design
> > > a prototype of such a controller. TAPR did this in the long distant
> > > past, perhaps they could do it again. (That was flame bait, for those
> > > who didn't figure it out (smile)).
> >
> > Those days are over. There are better ways to do small production
> > runs. I'm currently looking at a company in Phoenix that does runs
> > of 500, or even one (if you can stand the cost) :-) They use surface
> > mount techniques.
> >
> > > Would there be enough demand for a new generation of controllers
> > > based on this concept? How many per month is "enough"?
> > >
> > > Anyone want to do a business plan?
> >
> > I am guilty of procrastinating severely, but I did get some samples from
> > www.dvsinc.com of their AMBE 2020 chip, but need to get some
> > samples of the AMBE 2000 chip. The latter is Half-Duplex, while
> > the former is Full. These are voice compression (2.0 - 9.6 kbps
> > with FEC). What I planned to do was make a surface mount board
> > that allowed me to use a wire-wrap or other technique of interfacing
> > with other DIP type chips. But, that turned out to be a waste of money.
> >
> > I have been working on a functional block diagram of a board that
> > does both voice and data. In my case I'm not too concerned about
> > lots of data, but things like alphanumeric pager messages, callsign,
> > bearing and range via GPS coordinates (to the repeater or other
> > users, etc). I would love to try 2400, 4800 baud as well as 9600.
> >

> > I contacted an engineer who does surface mount designs, and after
> > a month of legal documents and a 40 page checklist, I threw in the
> > towel. He's good, but he's more of a lawyer than an engineer :-)
> > For every technical question he had a legal one...
> >
> > I envision a black box with an Ethernet connection to the network,
> > or a 3 volt TTL to an embedded processor (handheld). I'm
> > thinking of using an APRS interface at the repeater, which would
> > relay the GPS position of users, callsigns, and messages onto 144.390.
> > With a full duplex repeater, use of a FIFO can be done away
> > with, as two of these Ethernet devices can be placed on the net
> > (transmitter and receivers don't have to be co-located with the
> > use of cable-modems or DSL).
> >
> > Do you think any of those ideas mesh with your ideas?
>
> I was thinking of 56k and T1 actually.
> Nothing at all to do with applications, leave those to the host computer.
> i.e. not an "application box" but a modem.
> Hook whatever radio(s) and computer(s) you like to it.
> Something as simple and cheap as possible, handling only layer 1.

OK, but if you're going to do that, then why are you suggesting all this "low level crap" such as the interface reporting back to the compute, "I've been idle for xxx milliseconds?" That DEFEATS the purpose of the first part of your suggestion. Furthermore, this will limit the device to only being able to interact with its ONE controlling host (also implying that no other device may share that ethernet).

What is MORE reasonable, and what the REAL WORLD does, is to have an interface that appears to just be another host on the ethernet. Almost all bridges, routers, stand-alone firewalls, and ethernet-to-T1/E1/DSL converters work that way. So do ethernet modems and ethernet printer interfaces. Using this as a model, we simply have a standard ethernet host interface, and the level 3 or higher protocol (be it TCP/IP, NetBEUI, MS networking, or whatever) will have the responsibility of negotiating retransmit conditions, etc. All low level considerations are taken care of by the "virtual host" that makes up the interface. With this, all the hosts on the network can share the ethernet-TNC.

1197. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 18:34:02 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10105311816060.14489-100000@exp.bde-arc.ampr.org>
Source record: 8535

If you don't want any protocol built into your ethernet-TNC, then you're going to want something similar to what Multi-Tech produced in their "ethernet modem" series. Their devices are embedded 386/486 systems with PROMS designed to ask the network for its controlling software. For TCP/IP, it would ask via the BOOTP protocol; for Novell Netware, its protocol, etc... Even if it uses what Hank dreads - TCP/IP, once the software is moved over, it need not ever use it again during operation. One can put whatever one wants in there.

I have one of their devices and I actually, via BOOTP, place a minimal Linux kernel in there. Although I don't currently use the second serial port (9-pin interface, and the first port is the built in landline modem), I could easily plug any RS-232-C device, including a TNC, there and effectively create and use it as an ethernet-TNC that you proposed (up to 56k). This hardware is 10 years old, and is pretty close to what you want (although not exact).

In your target configuration, you would load software that takes your TNC's packets and routes them onto your ethernet via the ethernet-BPQ protocol (which will effectively be AX.25 over ethernet) and let your other host computers decide what it is.

Why tell you about this? This means that for up to 56kB, equipment (or a combination of equipment) already exists to do what you want, and certainly that would be a good logical step in development to creating your 1MB-range wireless TNC. Conversely, swap out the existing landline-type modem and replace it with your wireless DSP. Maybe even Multi-Tech or a competitor will design a suitable DSP for you. (For the M-T line, the internal modem is on a daughtercard.)

On Thu, 31 May 2001, Hank Oredson wrote:
> "Steve Sampson" <k5okc@nospam.home.com> wrote in message
> news:2plR6.25155$qs3.11449824@news2.rdc2.tx.home.com...
> > "Hank Oredson" wrote
> > >
> > > Something as simple and cheap as possible, handling only layer 1.
> >
> > I got you. Like a DSY modem with Ethernet instead of RS-422,
> > and the control feedback data.
>
> Yes.
>
> From most of the responses, I think my description of what I want
> to be able to do was not very clear. Will try again with some different
> examples and maybe that will help.
>
> I want to be able to connect one of these devices to the ethernet
> switch that sits near the ham radio equipment, or into the hub that

> sits over in the other room, or into the mini-hub upstairs. Then I
> want any host on my network to be able to access it.
>
> Some hosts may run tcp/ip over the radio, others may run ax.25 or flexnet.
> May want to run clover or pactor-II or psk31. I do not want those
> protocols built into the controller, any more than I want tcp/ip built
> into my ethernet card.
>
> i.e. I want a more-or-less generalized MAC (Media Access Controller)
> that gives the hosts access to RF via whatever radio(s) are attached
> to the device. This implies DSP in the device eventually, and some ability
> to upload soft modems to it. Did not envision anything beyond layer 1
> in the device, because I want the layer 2 and above protocol in the
> individual hosts that make use of the radio(s) attached to the device.
>
> For an initial prototype something like the DSY modem with
> ethernet would be just fine ... there is little to invent.
>
> I've not done a search for chips with cpu/ethernet/scc (for example)
> but if one does not exist it should be simple to create from standard
> cells/macros/whatever in a custom chip. One could always prototype
> with several chips if needed.
>
> As has been pointed out, doing much of anything interesting will
> take at least $50k up front, and I suspect at least twice this
> amount, since there will be some software involved.
>
> How to make a viable business? The experience of many existing
> companies hints that there must be commercial application before
> it is worth even doing a business plan. Has to be a market for at
> least several tens of thousands of devices?

1198. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 20:26:40 UTC
From: rich@zippy.aa2ys.ampr.org
Message-ID: <slrn9hd9sl.62o.rich@zippy.aa2ys.ampr.org>
Source record: 8536

On Thu, 31 May 2001 17:18:23 GMT, AA1LL <nospam@newsranger.com> wrote:
>Hi, I'm thinking about building my own stripped down PSK31 modulator +
>demodulator and have zero experience with it. How much of the time is the QPSK
>mode used? If you only have the BPSK mode without the convolutional encoding
>and Viterbi decoding, can you still make halfway decent QSOs? How about with
>QRP? Thanks for any help,

From what I've seen, 90% of the people out these don't even seem to
known about QPSK. I run QRP, exclusively, and so therefore copy
can get rough on the other operators, at times. I would then suggest
to go to QPSK, and almost invariably the op would have no idea what
I was talking about, or why we might want to try it.

So, for the way people seem to use PSK now, a system lacking QPSK wouldn't
be terribly crippling.

- Rich

1199. KaWin problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 20:39:36 UTC
From: Edward Lewis <kq6dx@pacbell.net>
Message-ID: <0jadhtstcqo3ss0rq7d7s060a4u85gg9tk@4ax.com>
Source record: 8537

KAwin has been locking up on me . It quits working and has a yellow box on top that says ERR T24. I can't find a listing of KaWin error codes . Any one know what this means. Thank You KQ6DX

1200. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-05-31 20:58:22 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0105311258.4f562a8f@posting.google.com>
Source record: 8538

AA1LL <nospam@newsranger.com> wrote in message
news:<z1vR6.7261$rn5.338646@www.newsranger.com>...

> Hi, I'm thinking about building my own stripped down PSK31
> modulator + demodulator and have zero experience with it.

What platform? Which OS? Why?

"Building" suggests that you want a hardware implementation,
which is a mistake (especially with "zero experience"). PSK31
was designed to be generated and detected with software.
Which I know scares the crap out of lots of hams.

> How much of the time is the QPSK mode used?

Almost never. A neat idea, but it just never caught on.

> If you only have the BPSK mode without the convolutional encoding
> and Viterbi decoding, can you still make halfway decent QSOs?

Yes. Convolutional encoding is only used in QPSK mode (RTFM).
Viterbi decoding isn't required for decoding - there are lots
of other algorithms to decode convolutional codes.

> How about with QRP?

PSK31 works extremely well with low power. If you had
actually used it (your questions suggest not), you would
know this.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1201. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 05:03:45 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <RmFR6.55918$t12.4480528@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8539

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10105311758460.14489-100000@exp.bde-arc.ampr.org...
> On Thu, 31 May 2001, Hank Oredson wrote:
> > "Steve Sampson" <k5okc@nospam.home.com> wrote in message
> > news:7ejR6.24529$qs3.11000287@news2.rdc2.tx.home.com...
> > > "Hank Oredson" wrote
> > > >
> > > > [edited]
> > > >
> > > > The TNC could tell me "The channel has had no activity during the
> > > > past 1 millisecond", "An AX.25 frame with destination xxxx is about
> > > > to arrive", "The channel has just gone quiet", "The last queued frame
> > > > was just transmitted", and many other fine grain details of the layer
> > > > 1 and 2 activity. This would allow me to write generic "smart" drivers.
> > > >
> > > Comments below.
> > > >
> > > > Maybe some organization might "step up to the plate" and design
> > > > a prototype of such a controller. TAPR did this in the long distant
> > > > past, perhaps they could do it again. (That was flame bait, for those
> > > > who didn't figure it out (smile)).
> > > >
> > > Those days are over. There are better ways to do small production
> > > runs. I'm currently looking at a company in Phoenix that does runs
> > > of 500, or even one (if you can stand the cost) :-) They use surface
> > > mount techniques.
> > > >
> > > > Would there be enough demand for a new generation of controllers
> > > > based on this concept? How many per month is "enough"?
> > > >
> > > > Anyone want to do a business plan?
> > > >
> > > I am guilty of procrastinating severely, but I did get some samples from
> > > www.dvsinc.com of their AMBE 2020 chip, but need to get some
> > > samples of the AMBE 2000 chip. The latter is Half-Duplex, while
> > > the former is Full. These are voice compression (2.0 - 9.6 kbps
> > > with FEC). What I planned to do was make a surface mount board
> > > that allowed me to use a wire-wrap or other technique of interfacing
> > > with other DIP type chips. But, that turned out to be a waste of money.
> > > >
> > > I have been working on a functional block diagram of a board that
> > > does both voice and data. In my case I'm not too concerned about
> > > lots of data, but things like alphanumeric pager messages, callsign,
> > > bearing and range via GPS coordinates (to the repeater or other

> > > users, etc). I would love to try 2400, 4800 baud as well as 9600.
> > >
> > > I contacted an engineer who does surface mount designs, and after
> > > a month of legal documents and a 40 page checklist, I threw in the
> > > towel. He's good, but he's more of a lawyer than an engineer :-)
> > > For every technical question he had a legal one...
> > >
> > > I envision a black box with an Ethernet connection to the network,
> > > or a 3 volt TTL to an embedded processor (handheld). I'm
> > > thinking of using an APRS interface at the repeater, which would
> > > relay the GPS position of users, callsigns, and messages onto 144.390.
> > > With a full duplex repeater, use of a FIFO can be done away
> > > with, as two of these Ethernet devices can be placed on the net
> > > (transmitter and receivers don't have to be co-located with the
> > > use of cable-modems or DSL).
> > >
> > > Do you think any of those ideas mesh with your ideas?
> >
> > I was thinking of 56k and T1 actually.
> > Nothing at all to do with applications, leave those to the host computer.
> > i.e. not an "application box" but a modem.
> > Hook whatever radio(s) and computer(s) you like to it.
> > Something as simple and cheap as possible, handling only layer 1.
>
> OK, but if you're going to do that, then why are you suggesting all this "low
> level crap" such as the interface reporting back to the compute, "I've been
idle
> for xxx milliseconds?" That DEFEATS the purpose of the first part of your
> suggestion. Furthermore, this will limit the device to only being able to
> interact with its ONE controlling host (also implying that no other device
may
> share that ethernet).

Guess I miss your point. The host/device protocol would certainly
allow multiple hosts to access the device, at the same time, and use
the same radio(s).

> What is MORE reasonable, and what the REAL WORLD does, is to have an
interface
> that appears to just be another host on the ethernet. Almost all bridges,
> routers, stand-alone firewalls, and ethernet-to-T1/E1/DSL converters work
that
> way. So do ethernet modems and ethernet printer interfaces. Using this as a
> model, we simply have a standard ethernet host interface, and the level 3 or
> higher protocol (be it TCP/IP, NetBEUI, MS networking, or whatever) will have
> the responsibility of negotiating retransmit conditions, etc. All low level
> considerations are taken care of by the "virtual host" that makes up the
> interface. With this, all the hosts on the network can share the
ethernet-TNC.

They can all share it using any number of different protocols, as you mention.
But that is not what I'm interested in doing.

--

... Hank

http://horedson.home.att.net

1202. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 11:23:37 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <theuprqcbgfu01@corp.supernews.com>
Source record: 8540

> "Building" suggests that you want a hardware implementation,
> which is a mistake ....

I think a hardware/firmware "QRP" implementation would be an excellent idea. PSK31 works great with QRP *but* the computer draws more current and represents a greater physical size than the whole rest of the rig. A direct hardware implementation could:
1) be designed for low power consumption - battery operation.
2) directly modulate the RF rather than using SSB and audio tones with the possibility of overdriving, hum, and distortion.
3) be small size and include a small, low power LCD display - no hard drive or storage, just keyboard to keyboard real-time QSOs.
4) be a "one box" solution containing everything needed to run PSK31.

1203. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 13:41:20 UTC
From: Robert Switzer <switzerr@lucent.com>
Message-ID: <3B179B7F.69320A20@lucent.com>
Source record: 8541

the following page describes a design for a PIC based psk31
implementation. The following is an excerpt
(Note that I have NO affiliation with the author...this just came up on
another forum a while ago)

"Abstract:

These pages describe a means whereby a PIC16x84 processor may be used to
generate a PSK31 or FSK31 signal. This could be used for beacon
transmissions (as described here) or they may be used for telemetry,
experimental, or even QSOs - the latter being true if you are willing to
put up with a
few "quirks":-)

Why tie up an entire computer/radio to set up a PSK/FSK MedFER/LowFER
beacon?

This is the question that I asked myself. While my HF rig is capable
operating in the MedFER frequency range, it seemed foolish to tie it up in
this
fashion, and it would tie up an entire computer/sound card/ect. Having
operated beacons in the past, I feel that the lower the "hassle factor"
involved in
operating the beacon, the more likely it is that you will keep it on the
air - and that is the entire purpose of even attempting to operate a
beacon.

When I decided to put a PSK31 MedFER beacon on the air this time around, I
decided to follow my previously-established philosophy: I wanted a
beacon that could send a message in PSK31, and just work when plugged in.
To generate the PSK31 data, I decided to utilize the now-ubiquitous
PIC processor and incorporate it with other fairly simple circuitry. "

http://www.ussc.com/~turner/psk_transmitter.html

73 es cul,
Robert KA2CZU

1204. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 15:09:50 UTC
From: n8blk@aol.com
Message-ID: <20010601110950.18977.00001845@nso-fa.aol.com>
Source record: 8543

In article <lfhR6.56362$4f7.4201399@bgtnsc06-news.ops.worldnet.att.net>, "Hank Oredson" <horedson@att.net> writes:

>With 100 base T or Gigabit ethernet, I get very low latency of communications
>between the controller and the host computer. I get a standard well-known and
>easy to implement interface. I get standard easily available cables.
>
>What could that interface do for me?
>
>The TNC could tell me "The channel has had no activity during the
>past 1 millisecond", "An AX.25 frame with destination xxxx is about
>to arrive", "The channel has just gone quiet", "The last queued frame
>was just transmitted", and many other fine grain details of the layer
>1 and 2 activity. This would allow me to write generic "smart" drivers.
>
>There is one thing required to make an interface like this useful:
>a standard set of messages between the computer and the TNC.
>Something manufacturers could include in their firmware.
>Something that would replace "KISS" and "HOSTMODE" and
>"6PACK" and the other protocols used for communication between
>the host computer and the controller.
>
>Maybe some organization might "step up to the plate" and design
>a prototype of such a controller. TAPR did this in the long distant
>past, perhaps they could do it again. (That was flame bait, for those
>who didn't figure it out (smile)).
>
>Would there be enough demand for a new generation of controllers
>based on this concept? How many per month is "enough"?

Hank, I don't know the answer to your question, but may I suggest that until a new killer digital mode comes along that lots of hams want, the present generation of controllers will remain King & Queen, and assorted court members. May I also suggest that if you're just controlling things, that you might also want to look into USB ports, even though they're slower than good Ethernet 100 cards. Even some of the DSL & Cable companies are providing USB controllers.
-art clemons-

1205. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 15:09:51 UTC
From: n8blk@aol.com
Message-ID: <20010601110951.18977.00001846@nso-fa.aol.com>
Source record: 8542

In article <b8pbhtsst7j7rgj34f5hllsvi9reuj3npj@4ax.com>, Paul Keinanen
<keinanen@sci.fi> writes:

>A TCP/IP stack is very complicated, requiring a lot of buffer space
>and are thus hard to implement on a small micro controller in a TNC or
>similar external modem. While there have been stories about web
>servers on a PIC, these are heavily stripped down versions of the
>protocol specification. If you attempt to use TCP/IP for realtime, it
>fails very easily due to unpredictable propagation delays e.g. due to
>retransmissions. In a typical realtime system, there is a lot of data
>that becomes useless, if it does not arrive on time, thus, there is no
>point of retransmitting it.
>

Computers already can run a tcp/ip stack over ethernet, or those folks using
them with cable modems and DSL modems couldn't do so.
-art clemons-

1206. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 19:03:15 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org>
Source record: 8544

```
On Fri, 1 Jun 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10105311758460.14489-100000@exp.bde-arc.ampr.org...
> > On Thu, 31 May 2001, Hank Oredson wrote:
> > > "Steve Sampson" <k5okc@nospam.home.com> wrote in message
> > > news:7ejR6.24529$qs3.11000287@news2.rdc2.tx.home.com...
> > > > "Hank Oredson" wrote
> > > > >
> > > > > [edited]
> > > > >
> > > > > The TNC could tell me "The channel has had no activity during the
> > > > > past 1 millisecond", "An AX.25 frame with destination xxxx is about
> > > > > to arrive", "The channel has just gone quiet", "The last queued frame
> > > > > was just transmitted", and many other fine grain details of the layer
> > > > > 1 and 2 activity. This would allow me to write generic "smart" drivers.
> > > >
> > > > Comments below.
> > > >
> > > > > Maybe some organization might "step up to the plate" and design
> > > > > a prototype of such a controller. TAPR did this in the long distant
> > > > > past, perhaps they could do it again. (That was flame bait, for those
> > > > > who didn't figure it out (smile)).
> > > >
> > > > Those days are over. There are better ways to do small production
> > > > runs. I'm currently looking at a company in Phoenix that does runs
> > > > of 500, or even one (if you can stand the cost) :-) They use surface
> > > > mount techniques.
> > > >
> > > > > Would there be enough demand for a new generation of controllers
> > > > > based on this concept? How many per month is "enough"?
> > > > >
> > > > > Anyone want to do a business plan?
> > > >
> > > > I am guilty of procrastinating severely, but I did get some samples from
> > > > www.dvsinc.com of their AMBE 2020 chip, but need to get some
> > > > samples of the AMBE 2000 chip. The latter is Half-Duplex, while
> > > > the former is Full. These are voice compression (2.0 - 9.6 kbps
> > > > with FEC). What I planned to do was make a surface mount board
> > > > that allowed me to use a wire-wrap or other technique of interfacing
> > > > with other DIP type chips. But, that turned out to be a waste of money.
> > > >
> > > > I have been working on a functional block diagram of a board that
> > > > does both voice and data. In my case I'm not too concerned about
> > > > lots of data, but things like alphanumeric pager messages, callsign,
```

> > > > bearing and range via GPS coordinates (to the repeater or other
> > > > users, etc). I would love to try 2400, 4800 baud as well as 9600.
> > > >
> > > > I contacted an engineer who does surface mount designs, and after
> > > > a month of legal documents and a 40 page checklist, I threw in the
> > > > towel. He's good, but he's more of a lawyer than an engineer :-)
> > > > For every technical question he had a legal one...
> > > >
> > > > I envision a black box with an Ethernet connection to the network,
> > > > or a 3 volt TTL to an embedded processor (handheld). I'm
> > > > thinking of using an APRS interface at the repeater, which would
> > > > relay the GPS position of users, callsigns, and messages onto 144.390.
> > > > With a full duplex repeater, use of a FIFO can be done away
> > > > with, as two of these Ethernet devices can be placed on the net
> > > > (transmitter and receivers don't have to be co-located with the
> > > > use of cable-modems or DSL).
> > > >
> > > > Do you think any of those ideas mesh with your ideas?
> > >
> > > I was thinking of 56k and T1 actually.
> > > Nothing at all to do with applications, leave those to the host computer.
> > > i.e. not an "application box" but a modem.
> > > Hook whatever radio(s) and computer(s) you like to it.
> > > Something as simple and cheap as possible, handling only layer 1.
> >
> > OK, but if you're going to do that, then why are you suggesting all this "low
> > level crap" such as the interface reporting back to the compute, "I've been
> idle
> > for xxx milliseconds?" That DEFEATS the purpose of the first part of your
> > suggestion. Furthermore, this will limit the device to only being able to
> > interact with its ONE controlling host (also implying that no other device
> may
> > share that ethernet).
>
> Guess I miss your point. The host/device protocol would certainly
> allow multiple hosts to access the device, at the same time, and use
> the same radio(s).

My point is that a host-to-device protocol is usually ONE-TO-ONE and what you
need is a host-to-host type protocol (virtual host OK). Anything of a "lower
network level" than that eliminates the possibility of use by multiple hosts.

> > What is MORE reasonable, and what the REAL WORLD does, is to have an
> interface
> > that appears to just be another host on the ethernet. Almost all bridges,
> > routers, stand-alone firewalls, and ethernet-to-T1/E1/DSL converters work
> that
> > way. So do ethernet modems and ethernet printer interfaces. Using this as a
> > model, we simply have a standard ethernet host interface, and the level 3 or
> > higher protocol (be it TCP/IP, NetBEUI, MS networking, or whatever) will have
> > the responsibility of negotiating retransmit conditions, etc. All low level

> > considerations are taken care of by the "virtual host" that makes up the
> > interface. With this, all the hosts on the network can share the
> ethernet-TNC.
>
> They can all share it using any number of different protocols, as you mention.
> But that is not what I'm interested in doing.

1207. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 19:51:12 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <QmSR6.57094$t12.4576573@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8545

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org...

> My point is that a host-to-device protocol is usually ONE-TO-ONE and what you
> need is a host-to-host type protocol (virtual host OK). Anything of a "lower
> network level" than that eliminates the possibility of use by multiple hosts.

"usually" ???
Not in my experience, at least for some values of "usually".
Don't want "host to host" protocol, don't want the device to be a host.
Just a device.

But this has wandered very far from the original idea.

--

... Hank

http://horedson.home.att.net

1208. ACARS Log Analyser for Windows

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 20:26:23 UTC
From: Mark Avey <mark.avey@btinternet.com>
Message-ID: <9f8u18$qp0$1@neptunium.btinternet.com>
Source record: 8546

ACARS Log Analyser for Windows is now available for download from
http://www.acarsonline.co.uk/

This program will allow you to import ACARS message logs and view/print them
in a variety of ways and provide statistics for your logs.

Cheers,

Mark Avey

1209. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-01 21:49:47 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0106011349.3f343a64@posting.google.com>
Source record: 8547

Robert Switzer <switzerr@lucent.com> wrote in message
news:<3B179B7F.69320A20@lucent.com>...

> These pages describe a means whereby a PIC16x84 processor may be used to
> generate a PSK31 or FSK31 signal. This could be used for beacon
> transmissions (as described here) or they may be used for telemetry,
> experimental, or even QSOs - the latter being true if you are willing to
> put up with a
> few "quirks":-)

This is only the transmit side. Generating PSK31 is easy.

Detecting it is not. How did you propose to do so?

It's lots easier to generate signals than it is to
detect them.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1210. How is the TS-2000 for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 01:23:41 UTC
From: John <johnfofawn@hotmail.com>
Message-ID: <xeXR6.44639$G5.9746481@news1.rdc1.md.home.com>
Source record: 8548

How do you think the TS-2000 compares to the TS-870S and the IC-756PRO?

Thanks,
John

1211. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 07:34:50 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106020727430.17238-100000@exp.bde-arc.ampr.org>
Source record: 8549

On Fri, 1 Jun 2001, Hank Oredson wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org...
>
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> > need is a host-to-host type protocol (virtual host OK). Anything of a "lower
> > network level" than that eliminates the possibility of use by multiple hosts.
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> "usually" ???
> Not in my experience, at least for some values of "usually".
> Don't want "host to host" protocol, don't want the device to be a host.
> Just a device.
>
> But this has wandered very far from the original idea.

Even in networking environments, "shared devices" are primarily controlled by
the host they're physically connected to - so there's the context of "usually."

I'm not fully certain I know what your original idea was....

You seem to want some sort of high speed computer to radio interface (greater
than 56kb, and speed of 1Mbit/s or better desired on the wireless side), where
the computer interface is fast and common (ethernet proposed), and that the
device be shared by multiple computers, yet certain "low level functions" of the
device be available to each computer. For radio reception, the device simply
routes the received information to the appropriate computer (if more than one).

Is that part correct?

1212. Re: How is the TS-2000 for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 11:44:38 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <thhkd9sjtqatca@corp.supernews.com>
Source record: 8550

I can't make a comparison - don't have a TS-2000 or TS-870S. The PRO is super on digital modes. For PSK31 I set the bandwidth to 100 Hz and the tuning rate to 1Hz then tune the signals on the PRO. It eliminates most of the AGC pumping problems seen by having a bunch of signals in the IF passband.

1213. *** Problems with RedHat 7.1 Install with K5-100mhz, 64MB ram ***

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 14:30:24 UTC
From: Stef Daniels <sj_sc_daniels@bigpond.com>
Message-ID: <9181748.WXibtBgNmI@mail.bigpond.com>
Source record: 8451
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Greetings and Thanks for reading this....

*** I am writing this on behalf of a fellow amateur, who is
not internet operable. Anyway:-

As mentioned in the header- With the Installation of RedHat
7.1, ALL is working fine until after the install of kernel,
just prior to start installation RPM's his system install
crashes and hangs. The install is APC Pocketbook distro of
RedHat 7.1.

His system is:-

Edge K5/100MHz
64MB RAM
** Using 3 HDD hda [2GB], hdb [2.2GB], hdc [1.6GB] **

Many thanks in advance if you can help with this problem, as
wishes to have AX25 under RedHat 7.1 Working ASAP. Instead of
Windoze !!!!!!

--
Regards,

Stef Daniels
Adelaide, South Australia.
vk5hsx@qsl.net

-= Using Linux Mandrake 7.2 =-

1214. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 18:12:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <30aS6.61391$4f7.4656729@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8452

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10106020727430.17238-100000@exp.bde-arc.ampr.org...
> On Fri, 1 Jun 2001, Hank Oredson wrote:
> > "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> > news:Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org...
> >
> > > My point is that a host-to-device protocol is usually ONE-TO-ONE and what
you
> > > need is a host-to-host type protocol (virtual host OK). Anything of a
"lower
> > > network level" than that eliminates the possibility of use by multiple
hosts.
> >
> > "usually" ???
> > Not in my experience, at least for some values of "usually".
> > Don't want "host to host" protocol, don't want the device to be a host.
> > Just a device.
> >
> > But this has wandered very far from the original idea.
>
> Even in networking environments, "shared devices" are primarily controlled by
> the host they're physically connected to - so there's the context of
"usually."

Consider the device connected to a hub.
Like I said ... it's usually true ... but not for the device I proposed.

> I'm not fully certain I know what your original idea was....
>
> You seem to want some sort of high speed computer to radio interface (greater
> than 56kb, and speed of 1Mbit/s or better desired on the wireless side),
where
> the computer interface is fast and common (ethernet proposed), and that the
> device be shared by multiple computers, yet certain "low level functions" of
the
> device be available to each computer. For radio reception, the device simply
> routes the received information to the appropriate computer (if more than
one).
>
> Is that part correct?

Exactly.
I would say "appropriate application(s) on appropriate host(s)"
since broadcast protocols might be in use on the radio side.

At the application level there would be commands such as "attach/detach"
or "seize/release" and "check device availibility" ... and many more.
The device might control several radios.

I tend to think in analogies, thus the use of the ethernet analogy.

Picked that one because I'm familiar with it, there are standard
interfaces, most places these devices would go already have
ethernet network in place.

--

... Hank

http://horedson.home.att.net

1215. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 19:19:41 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <h%aS6.41654$qs3.18139997@news2.rdc2.tx.home.com>
Source record: 8453

So we are desiring a gadget that will replace another gadget
that many people have already abandoned as an useful part
of the hobby?

I don't mean that in a snide way, only that a mere modernization
of the interface (USB, Ethernet, Appletalk, etc) will somehow
drive a new product sales leader.

I am still not convinced we (the hobby) have any data to transport
over any new interface system, driving an old modem. This is a
hobby of voice and keyboard types, and not many are interested
in providing end to end infrastructure. Many of the people who
set up nodes in the 80's, found that it became work, not hobby.

I think the way to go, for something of this product type, is to
find a single-board computer with an ethernet and sound card
(audio) built-in. As most things are Web enabled, so should
this gadget. Controlled by a Web page (sound card baud rate,
FEC mode, etc), with XML to feedback signals.

I did a web search, but there are about 1000 Web enabled SBC
devices, and none of them quote prices :-)

Take a look at: http://jstamp.systronix.com/

1216. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 20:57:21 UTC
From: jfenn@lava.net
Message-ID: <9fbjvh$4ud$1@mochi.lava.net>
Source record: 8454

Is QPSK PSK or any of those modes ARQ? (Automatic error Cqn)?
I think not!
Hence for msg tfc useage its a non plus!
Joe (aka kilroy)

****
* Ham KH6JF MARS QCWA WW2 VET WD RADIO *
****

1217. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-02 21:54:55 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <7cnbf9.1i4.ln@news.freeserve.net>
Source record: 8455

Hank Oredson wrote:

>
> "Jim Jerzycke" <kq6ea@amsat.org> wrote in message
> news:3B15BA90.A297A73E@amsat.org...
>> Sounds good to me. One question, though. What types of modems should it
>> support? Should it have a "modem disconnect header" to allow different
>> flavors? Could it be done with DSP? I've never been involved with this
>> type of hardware design, so please excuse me if some of my questions
>> seem trivial.
>
> My guess (and someone who knows can correct me here) is that the ethernet
> interface itself should be in the $5 range, thus putting the majority of
> the cost in the rest of the components (processor, memory, modem).
>
> I like the idea of a modular box: different modems could be plugged in,
> designed in, or enabled/disabled via manufacturing option.
>
> Steve's comments in his post are to the point as well: what features
> must it have to be marketable. My thoughts ran along the lines of
> something simple, with all the upper level protocol and application
> living on the host computer. I think Steve had in mind something more
> stand-alone, with applications embeded. No reason one could not
> design something that could be configured both ways (?).
>
> Another option is a box that includes the radio, making it similar to a
> wireless
> hub, but without the protocol above layer 1 in the box.
>
> Yet another option would be any of the existing TNC designs, but
> with ethernet replacing the serial port. This design has the advantage
> of being fairly conservative.
>
> The thing I like about using ethernet as the interface is that I could
> stick a batch of these things on a hub or switch, remote from the
> host computer, perhaps up the tower where the antennas are located.
>

You may want to take a look at http://www.ftdichip.com/, especially at the
FT8U232AM. It is a high speed USB interface (12MBit) with a serial UART
that is designed to replace the RS232 interface chips in a legacy product
(eg. a modem or TNC!!).

At the host end (drivers exist for Windows and Linux at least!!) it looks
like an extra serial port by hiding the USBness from the application. This

gives you an immediate 2 magnitudes of speed improvement over a standard serial connection and USB cards and hubs a real cheap (if you don't have enough in your PC already).

With PC CPU power as it is now, all the clever bits can be done on the PC (HDLC encode/decode, CRC etc) as well as the channel access.

We're (Thames Valley IP USER Group) are looking at producing the next version of our 9k6 modem with one of these chips on, all surface mount and about the size of a book of matches. The drivers already exist for Linux and Windows (SV2AGW packet engine) which would require only minimal changes to operate with the USB interface.

Not as blindingly fast as you are looking for but maybe the idea is working the correct way...

Another product fro mthe same people has an 8 bit parallel output to interface to an SCC type of chip perhaps via a small fpga? (or maybe the fpga can do all the hdlc bits as well as in the 78k Baycom design)

--
Robin

Internet: g8ecj@abmdata.demon.co.uk http://www.gb7ipd.freeserve.co.uk/
Anorak mode = Shack: (+44) 1628 533311 Fax: (+44) 1628 850165
Club pages (g4xyw modem etc) at http://www.tvipug.org

1218. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 02:30:03 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9fc7cl0hfq@enews1.newsguy.com>
Source record: 8456

"Steve Sampson" <k5okc@nospam.home.com> wrote in message
news:h%aS6.41654$qs3.18139997@news2.rdc2.tx.home.com...
>
> snip on-topic comments<
>
>
> I am still not convinced we (the hobby) have any data to transport
> over any new interface system, driving an old modem. This is a
> hobby of voice and keyboard types, and not many are interested
> in providing end to end infrastructure. Many of the people who
> set up nodes in the 80's, found that it became work, not hobby.
>

Actually it was worse than that. Not only did most development depend heavily upon a very few "movers 'n shakers" who footed most of the expense, did most of the thinking, and basically all of the work, but at about that same time these "movers 'n shakers" were starting to burn out, they were suddenly flooded with demands for upgrades to high-speed, which was both financially and technically over most of their heads. Nobody helped, but they all complained. The demands for high-speed only served to "speed up" the burnout process. This national burnout process was accelerated yet again by the "LandLine Lid" problem, which undercut the motivation of Hams interested in amateur packet radio networking.

But even without the sudden demand for high-speed and without finding themselves "routed around" by LandLine Lids, it's my feeling that the US packet net would have collapsed anyway. All those things did was to speed up an inevitable process. The worst you can say is that those problems stole away time that might have been used to learn and adapt.

Almost the whole network (in the USA) was run as if it were a bunch of isolated repeater organizations, with hardly any original thought applied to educating, financing and organizing for the express purpose of packet radio networking. So, as you said about many (I'd say most) of the people who set up nodes in the 80's, it became work, not hobby. This is pretty well the inevitable result of applying the "repeater club" organizational model (with it's heavy dependence upon the efforts of a talented and well connected few) to the much larger, longer term, and more complicated task of building, maintaining, and upgrading a terrestrial packet network.

73 DE Charles, N5PVL

1219. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 06:24:37 UTC
From: Luis Yanes <melus0@spamno.teleline.es>
Message-ID: <+tYZO7Vny7pw8kuLQeWTsY=cwlF5@wingate>
Source record: 8457

On Fri, 01 Jun 2001 19:51:12 GMT "Hank Oredson" <horedson@att.net> wrote:
>
>"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
>news:Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org...
>
>> My point is that a host-to-device protocol is usually ONE-TO-ONE and what you
>> need is a host-to-host type protocol (virtual host OK). Anything of a "lower
>> network level" than that eliminates the possibility of use by multiple hosts.
>
>"usually" ???
>Not in my experience, at least for some values of "usually".
>Don't want "host to host" protocol, don't want the device to be a host.
>Just a device.
>
>But this has wandered very far from the original idea.

Have you looked at Ke5fx 10Mbps link?. http://www.qsl.net/ke5fx/#uwave
It's point-to-point, but isn't easy to have multipoint-multipoint RF links
at high speeds with CDMA.

Anyway, the best is enemy of the good.

73's de Luis

mail: melus0(@)teleline(.)es
Ampr: eb7gwl.ampr.org
http://www.terra.es/personal2/melus0/ <- PCBs for Homebrewed Hardware

1220. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 06:50:08 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <A6lS6.62253$4f7.4732813@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8458

"Steve Sampson" <k5okc@nospam.home.com> wrote in message
news:h%aS6.41654$qs3.18139997@news2.rdc2.tx.home.com...
> So we are desiring a gadget that will replace another gadget
> that many people have already abandoned as an useful part
> of the hobby?

I have tons of data to transport.

So do lots of other folks ... in particular those who I presently
transport data with (grin).

> I don't mean that in a snide way, only that a mere modernization
> of the interface (USB, Ethernet, Appletalk, etc) will somehow
> drive a new product sales leader.

Not my goal.

> I am still not convinced we (the hobby) have any data to transport
> over any new interface system, driving an old modem.

What "old modem"? Don't think I was very specific about
the modem, other than to mention 56k and T1 data rates,
as well as some of the existing HF protocols.

> This is a
> hobby of voice and keyboard types, and not many are interested
> in providing end to end infrastructure. Many of the people who
> set up nodes in the 80's, found that it became work, not hobby.

Then they would not be interested ... unless there was new stuff.
We are not going to get new stuff with the same old controllers
with built in 17 year old interfaces and applications. Which is my point.

Can't do new stuff until we have some "less boring" hardware.

--

... Hank

http://horedson.home.att.net

1221. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 06:51:02 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <q7IS6.62255$4f7.4732931@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8459

"Luis Yanes" <melus0@spamno.teleline.es> wrote in message
news:+tYZO7Vny7pw8kuLQeWTsY=cwIF5@wingate...
> On Fri, 01 Jun 2001 19:51:12 GMT "Hank Oredson" <horedson@att.net> wrote:
> >
> >"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> >news:Pine.LNX.4.10.10106011901350.16369-100000@exp.bde-arc.ampr.org...
> >
> >> My point is that a host-to-device protocol is usually ONE-TO-ONE and what
you
> >> need is a host-to-host type protocol (virtual host OK). Anything of a
"lower
> >> network level" than that eliminates the possibility of use by multiple
hosts.
> >
> >"usually" ???
> >Not in my experience, at least for some values of "usually".
> >Don't want "host to host" protocol, don't want the device to be a host.
> >Just a device.
> >
> >But this has wandered very far from the original idea.
>
> Have you looked at Ke5fx 10Mbps link?. http://www.qsl.net/ke5fx/#uwave
> It's point-to-point, but isn't easy to have multipoint-multipoint RF links
> at high speeds with CDMA.

Yes, I've looked at that.

> Anyway, the best is enemy of the good.

Exactly.

--

... Hank

http://horedson.home.att.net

1222. Re: Question with RTTY on 30m?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 10:38:50 UTC
From: iwsoper <iwsoper@email.msn.com>
Message-ID: <O9BmhjB7AHA.263@cpmsnbbsa09>
Source record: 8460
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

I have noticed the same signals on 30 meters. Sometime time ago another
person posted the same question. I believe the answer was the stations were
commerical using a wider shift and encryption.

That is the best answer I could give at the moment.

kal

<rmclean@invalid.com> wrote in message news:3B13B3D7.D5D7689D@invalid.com...
> Ok, over the weekend I decided to take the plunge and try the various
> digital modes. The modes I've played with over the weekend include
> PSK31, SSTV, and RTTY. I know there are more out there, but I haven't
> had time to mess with them yet. Here is my question, dose RTTY on 30m
> use a different configuration than on the other bands. I can copy RTTY
> fine on 20, 40, and others, but on 30m I can't see to copy anything.
> While tuning what I thought was a RTTY signal with MMTTY I notice that
> the signale had a much larger sift that with RTTY on other bands. It
> there a different configuration for 30m than with other bands, or
> perhaps this is just another mode that sounds similar to RTTY. Any
> Ideas?
>
> P.S Please reply to the newsgroup as other may have simular questions.
> If you must reply via e-mail please use the address listed in QRZ de
> WO5M
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!
>
>

1223. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 11:52:36 UTC
From: hamish@cloud.net.au
Message-ID: <8ypS6.5966$25.21578@news1.eburwd1.vic.optushome.com.au>
Source record: 8461

Rich <rich@zippy.aa2ys.ampr.org> wrote:
> So, for the way people seem to use PSK now, a system lacking QPSK wouldn't
> be terribly crippling.

If I remember correctly, the QPSK mode has twice the bit rate, and fills the extra capacity with FEC (forward error correction). However, QPSK mode of course requires a higher S/N (signal to noise ratio) than BPSK, and the FEC isn't strong enough to compensate. Overall, you end up with the same bit rate and you need a higher S/N to do it.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1224. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 16:11:21 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <JktS6.45656$qs3.20670555@news2.rdc2.tx.home.com>
Source record: 8462

"Hank Oredson" wrote
>
> I have tons of data to transport.
>
> So do lots of other folks ... in particular those who I presently
> transport data with (grin).

That is interesting, as out here in the midwest all we see is APRS.
The rest of packet is dead. What kind of data do you have?

> What "old modem"? Don't think I was very specific about
> the modem, other than to mention 56k and T1 data rates,
> as well as some of the existing HF protocols.

The higher the speed, the more line of sight. The more line of sight,
the more number of nodes. I put together a wireless link that
operated at 1.6 Mbps (not quite T1, as it was semi-full duplex)
Spread Spectrum. With a 24 dB parabolic and hardline, I was able
to get the cost down to $1200 a node. I was the only person that
thought this was cheap. But it does all you require, as it had an
Ethernet connection, and if you special order the Australian ROM
it will stay within the 2.4 GHz Ham band (Proxim 7921):

http://www.proxim.com/products/rl2/7920.shtml

These are 1/2 Watt Spread Spectrum radios. But these are
Frequency Hoppers, which have no processing gain, something
I would like to try next is the Direct Sequence stuff. But due to
residential rooftop siting (not 100 foot towers, which don't exist
unless you build them anyway) was only able to get 6 miles
between hops.

> Can't do new stuff until we have some "less boring" hardware.

Spread Spectrum is not boring, the speed is very acceptable,
but it ain't in the $75 class of most repeater builders and 1200 baud
node builders :-)

The reason I am pursuing a 4800 or 9600 baud digital voice project,
is for the reason that you can use a $75 FM repeater, and an Omni
antenna. By multiplexing small amounts of data, or allow data
bursts to fly alongside digital voice bursts, I think this would be
exciting to a generation that was born after the invention of the
Cellular Phone. This is the type data that would interest kids today
(not to mention that with FEC, that the EOC's might be interested
in it as well). The combination of voice and data (alphanumeric
pager type data) would be a boon to the hobby, and I think it

would sell. The new Hams we want to join the hobby, were born in 1985. What is that target population is interested in, is the question. We can ignore them, but without new blood, Ham radio population will continue to wither, and then be assimilated.

1225. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 17:03:38 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9ffosj$a5a$1@bob.news.rcn.net>
Source record: 8474

Hate to shoot you down my dear friend but you obviously do not know what
you're talking about.. We're doing Packet right now and if not for the
licensing by the GERMANS we also could do Pactor I Pactor II also any other
mode.. that is out there so again I don't mean to be abrupt but if you post
information a little research would go a long way.. Best 73 and good luck..
Jim, WA2VOS
"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9fv4cn.up2.nomail@linux.pe1chl.ampr.org...
> jfenn@lava.net <jfenn@lava.net> wrote:
> >From what I have heard, there is no "soundcard" driven softweare that
> >can do pactor, packet, or any of the modes that has error cqn
> >builtin. Also was told there wont be any written because it
> >simply cant be done without a TNC to do it.
>
> And you believed that?
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

1226. Re: psk31--bpsk vs qpsk?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 17:51:39 UTC
From: David Cook <nospam.davepc4@home.com>
Message-ID: <LOuS6.103120$p33.2185160@news1.sttls1.wa.home.com>
Source record: 8463

PSK represents only the physical transport layer. ARQ, or any other protocol, is at another layer in the protocol stack. Have a look at the OSI network model for more info.

As an aside, the whole issue of error-correction/recovery isn't the real issue. Anyone out there heard of ALOHAnet? It was the original concept that evolved into Ethernet and how CSMA/CD came into being. It was developed for the same purposes we're talking about here, i.e., using PSK31 as a protocol transport.

73,
-- Dave, WA0TTN

<jfenn@lava.net> wrote in message news:9fbjvh$4ud$1@mochi.lava.net...
> Is QPSK PSK or any of those modes ARQ? (Automatic error Cqn)?
> I think not!
> Hence for msg tfc useage its a non plus!
> Joe (aka kilroy)
>
>
>
> **
> * Ham KH6JF MARS QCWA WW2 VET WD RADIO *
> **
>

1227. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 20:05:33 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106031949020.20011-100000@exp.bde-arc.ampr.org>
Source record: 8464

On Sat, 2 Jun 2001, Charles Brabham wrote:
> "Steve Sampson" <k5okc@nospam.home.com> wrote in message
> news:h%aS6.41654$qs3.18139997@news2.rdc2.tx.home.com...
> > I am still not convinced we (the hobby) have any data to transport
> > over any new interface system, driving an old modem. This is a
> > hobby of voice and keyboard types, and not many are interested
> > in providing end to end infrastructure. Many of the people who
> > set up nodes in the 80's, found that it became work, not hobby.
>
> Actually it was worse than that. Not only did most development depend
> heavily upon a very few "movers 'n shakers" who footed most of the expense,
> did most of the thinking, and basically all of the work, but at about that
> same time these "movers 'n shakers" were starting to burn out, they were
> suddenly flooded with demands for upgrades to high-speed, which was both
> financially and technically over most of their heads. Nobody helped, but
> they all complained. The demands for high-speed only served to "speed up"
> the burnout process. This national burnout process was accelerated yet again
> by the "LandLine Lid" problem, which undercut the motivation of Hams
> interested in amateur packet radio networking.

Which is a very unique result. In the other context, those who used landline BBS's (no radio ports) also went through a period where technology evolved, first from 2400 baud to 9600 baud to where we are now at 56kb for modems and even higher speed alternatives. In that arena, both users and sysops actively upgraded their modems, and apparently did so without any burnout whatsoever. Costs were also more reasonable. Even though many BBS's were gone by the time 28.8kB modems emerged, the Internet itself kept the development trend going.

Therefore, I believe that part of the problem is that packet never reached its "critical mass" for this technological evolution to occur with wireless like it did with wireline - perhaps until now. However, now there's a problem: There are many companies interested in wireless services (and I don't mean "plugging a device into a cellular or PCS telephone), yet the hardware for those services does not readily avail itself to our hobby - due to REGULATION. Although some parts of the regulations are quite liberal, the spread-spectrum rules are not, and that's what the commercial developers are using (incompatible SS). Content restrictions certainly do not help either.

> But even without the sudden demand for high-speed and without finding
> themselves "routed around" by LandLine Lids, it's my feeling that the US
> packet net would have collapsed anyway. All those things did was to speed up
> an inevitable process. The worst you can say is that those problems stole
> away time that might have been used to learn and adapt.
>
> Almost the whole network (in the USA) was run as if it were a bunch of

> isolated repeater organizations, with hardly any original thought applied to
> educating, financing and organizing for the express purpose of packet radio
> networking. So, as you said about many (I'd say most) of the people who set
> up nodes in the 80's, it became work, not hobby. This is pretty well the
> inevitable result of applying the "repeater club" organizational model (with
> it's heavy dependence upon the efforts of a talented and well connected few)
> to the much larger, longer term, and more complicated task of building,
> maintaining, and upgrading a terrestrial packet network.

For your last paragraph - I disagree - only in that comparing an area to any sort of organization implies some sort of local homogenealogy in any given area; a state that was often missing in many parts (at least, in the part of the U.S. that I'm in). There was no organized network structure at all. Other areas might have tried (some succeeded; some failed), but I believe that there was even more disorder than what you state.

Any sort of network requires cooperation. Cooperation is very hard to find in a hobby where "everyone is encouraged to do their own thing."

1228. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 20:46:45 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <ed4lht8e76nlm2nohq6aurk59i1r9a5gq8@4ax.com>
Source record: 8465

On Sun, 03 Jun 2001 06:50:08 GMT, "Hank Oredson" <horedson@att.net>
wrote:

>I have tons of data to transport.

>So do lots of other folks ... in particular those who I presently
>transport data with (grin).

Can you be a bit more specific about what amateur data you have in
mind that require T1 or WLAN speeds ?

I hope that you have in mind something else than running the BBS feed
with a higher speed :-). Anyway, I guess most T1/E1 speed applications
would have something to do with real time audio or real time video.
These are quite critical about the latency, so some sort of QoS
concept may be required. This may even have implications how the
interface between the PC and the device is implemented.

Paul OH3LWR

1229. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 21:26:59 UTC
From: Dick Hughes <rhughes33@cableone.net>
Message-ID: <4lalhtkk4qrgfh7av2g7kfg0ieu71r66up@4ax.com>
Source record: 8466

Had to chuckle over the following. Many of us were zipping along at
300 baud with our Apples, Commodores, etc. before IBM released the
first PC. 2400 baud was only a dream then.

Dick - W6CCD

On Sun, 03 Jun 2001 20:05:33 GMT, "D. Stussy"
<kd6lvw@bde-arc.ampr.org> wrote:

>Which is a very unique result. In the other context, those who used landline
>BBS's (no radio ports) also went through a period where technology evolved,
>first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
>even higher speed alternatives. In that arena, both users and sysops actively
>upgraded their modems, and apparently did so without any burnout whatsoever.
>Costs were also more reasonable. Even though many BBS's were gone by the time
>28.8kB modems emerged, the Internet itself kept the development trend going.

1230. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-03 23:47:54 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <K0AS6.63882$4f7.4811097@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8467

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:ed4lht8e76nlm2nohq6aurk59i1r9a5gq8@4ax.com...
> On Sun, 03 Jun 2001 06:50:08 GMT, "Hank Oredson" <horedson@att.net>
> wrote:
>
>
> >I have tons of data to transport.
>
> >So do lots of other folks ... in particular those who I presently
> >transport data with (grin).
>
> Can you be a bit more specific about what amateur data you have in
> mind that require T1 or WLAN speeds ?

Web pages (web based database access applications) are one example.
We have some running here, but 9600 is simply too slow to be interesting.

Spectral data ("See what my radio hears") and digitized audio.
Digitized video ("Look at my backyard").

"Hey Ken, I have an update to SNOS, will ftp it over to you."
Takes 30-60 minutes at 9600 baud.

More hams doing more things, needs more bandwidth.

> I hope that you have in mind something else than running the BBS feed
> with a higher speed :-). Anyway, I guess most T1/E1 speed applications
> would have something to do with real time audio or real time video.

Yes, see above for just a couple examples we have played with.

> These are quite critical about the latency, so some sort of QoS
> concept may be required. This may even have implications how the
> interface between the PC and the device is implemented.

I expect most of these applications will run over tcp/ip, so the QoS
issues would probably be handled at that level.

I also assume the device could have a reasonable amount of memory,
so that one could, if one wished, place the tcp/ip stack and related
buffering, flow control, and QoS decisionmaking into the device.

But I'm not interested in that yet ... first I need a dozen or so devices
to play with (smile).

--

... Hank

http://horedson.home.att.net

1231. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 01:34:49 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106040133510.20526-100000@exp.bde-arc.ampr.org>
Source record: 8468

My first modem was a 300 baud also, but the earlier post in the thread
referenced the year 1985, when 2400 baud modems already existed.

On Sun, 3 Jun 2001, Dick Hughes wrote:
> Had to chuckle over the following. Many of us were zipping along at
> 300 baud with our Apples, Commodores, etc. before IBM released the
> first PC. 2400 baud was only a dream then.
>
> Dick - W6CCD
>
> On Sun, 03 Jun 2001 20:05:33 GMT, "D. Stussy"
> <kd6lvw@bde-arc.ampr.org> wrote:
> >Which is a very unique result. In the other context, those who used landline
> >BBS's (no radio ports) also went through a period where technology evolved,
> >first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
> >even higher speed alternatives. In that arena, both users and sysops actively
> >upgraded their modems, and apparently did so without any burnout whatsoever.
> >Costs were also more reasonable. Even though many BBS's were gone by the time
> >28.8kB modems emerged, the Internet itself kept the development trend going.

1232. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 02:02:03 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <v_BS6.48668$qs3.22068137@news2.rdc2.tx.home.com>
Source record: 8469

Got you beat :-) I bought a radio shack 110 baud modem,
and used it for over a year until the 300 baud prices fell.
I had a BBS on my second line, and I tried to sell this to
the Tactical Air Command who only laughed. Many years
later they started using a BBS for remote radar sites to
drop their status and personnel performance reports. Saved
a bunch of personnel time retyping that bull. I was ahead of
my time by about 10 years :-)

Must have been about 1978 or 79, as I was taking this new
fangled Unix course at OU (BSD 2.9 on a PDP-11/73), and
I considered C language a step up from the PDP Macro
Assembler the USAF was using :-) We used to pore over
the Unix source and wonder why it even worked, as everything
was an integer then, and pointer and integer swapping all over
the place. Take a look at the PDP-11 Xinu book, boy that
book made all the same shortcuts. Still have my Lions book! ha.
I always wanted a PDP-11, but the PC and a C compiler
put it to shame. Bye, Bye DEC...

"D. Stussy" wrote
> My first modem was a 300 baud also, but the earlier post in the thread
> referenced the year 1985, when 2400 baud modems already existed.

1233. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 03:13:49 UTC
From: Dick Hughes <rhughes33@cableone.net>
Message-ID: <95vlhtg4i8lupk3o5tck145kll5dmaa03s@4ax.com>
Source record: 8470

Sorry, I only saw a reference to the "80's", which began in 1980.

Dick - W6CCD

On Mon, 04 Jun 2001 01:34:49 GMT, "D. Stussy"
<kd6lvw@bde-arc.ampr.org> wrote:

>My first modem was a 300 baud also, but the earlier post in the thread
>referenced the year 1985, when 2400 baud modems already existed.
>
>On Sun, 3 Jun 2001, Dick Hughes wrote:
>> Had to chuckle over the following. Many of us were zipping along at
>> 300 baud with our Apples, Commodores, etc. before IBM released the
>> first PC. 2400 baud was only a dream then.
>>
>> Dick - W6CCD
>>
>> On Sun, 03 Jun 2001 20:05:33 GMT, "D. Stussy"
>> <kd6lvw@bde-arc.ampr.org> wrote:
>> >Which is a very unique result. In the other context, those who used landline
>> >BBS's (no radio ports) also went through a period where technology evolved,
>> >first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
>> >even higher speed alternatives. In that arena, both users and sysops actively
>> >upgraded their modems, and apparently did so without any burnout whatsoever.
>> >Costs were also more reasonable. Even though many BBS's were gone by the time
>> >28.8kB modems emerged, the Internet itself kept the development trend going.

1234. Digital Modes Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 05:20:14 UTC
From: theplanters95@aol.comnospam
Message-ID: <20010604012014.23902.00001917@ng-df1.aol.com>
Source record: 8471

I am spending the summer in Virginia City, NV and did not bring any interfaces. Does anybody have one I could borrow/use (homemade is ok). The radio is an Icom IC706MKII.

Randy KA4NMA

1235. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 07:00:55 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <3ccmhtg2tm0vq335t9q8adqkjjvjou5dls@4ax.com>
Source record: 8472

On Sun, 03 Jun 2001 23:47:54 GMT, "Hank Oredson" <horedson@att.net>
wrote:

>> Can you be a bit more specific about what amateur data you have in
>> mind that require T1 or WLAN speeds ?
>
>Web pages (web based database access applications) are one example.
>We have some running here, but 9600 is simply too slow to be interesting.

While I agree that 9600 bit/s half duplex is useless for any practical
web applications, 9k6 to 14k4 full duplex connections are quite usable
for mainly text based pages. Speeds in the order of 100 .. 250 k
should be more than sufficient for most web pages. There are of course
pages with a lot of bells and whistles requiring unlimited throughput,
but these pages usually lack any usable contents anyway :-)

>Spectral data ("See what my radio hears") and digitized audio.
>Digitized video ("Look at my backyard").

You could take that idea a step further and build a remote controlled
club station in a place with low noise levels and no antenna
restrictions and let the club member access this station from home,
work or from a parking lot via a microwave connection. With ADCs and
DACs intended for the "high end" audio applications with 18 to 24 bit,
100 .. 120 dB dynamic range and up to 192 kHz sampling rate, you could
broadcast the whole band (such as 30 m) or a full segment to multiple
end user stations and letting them pick the actual transmissions they
are interested in.

>"Hey Ken, I have an update to SNOS, will ftp it over to you."
>Takes 30-60 minutes at 9600 baud.

At 250 kbit/s those transfer times would be reduced considerably. I
don't expect you to generate a new version every 5 minute :-).

The reason that I am quite sceptic about T1 and above speeds, are that
in order to use some simple modulation methods, a more or less clean
line-of-site path are required with no obstacles in the first Fresnel
zone. Unfortunately such paths are extremely rare in amateur radio
systems.

In order to be practically usable, the data transfer must work well in
non-line-of-site paths with lot of multipath. This will require a more
complicated modulation, such as OFDM or spread spectrum (no doubt a
WLAN card with a transverter down to 1.3 GHz and a medium to high
power transmitter would be an interesting thing). The other thing is
that the power requirement will be quite high when operating at

non-LOS paths. Increasing the data rate will also require increasing the transmitter power levels.

You can get a feel how well the signal will propagate in non-LOS microwave conditions e.g. by using an HT on the 23 cm band. However, to get similar distances with T1 speeds, a bandwidth about 100 times wider is required and hence, a transmitter power 100 larger is also required. Thus, we are in the 10 .. 100 W power range, which becomes quite expensive on 2.3 GHz and above, not to mention that using such power levels in a portable setup would be quite problematic :-).

IMHO, in order for any microwave digital transfer system to gain any kind of popularity, it must be capable of operating on non-LOS paths and thus, I think that too ambitious transfer speeds should not be used.

Paul OH3LWR

1236. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 07:14:43 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9hmdb3.fan.nomail@linux.pe1chl.ampr.org>
Source record: 8473

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>Which is a very unique result. In the other context, those who used landline
>BBS's (no radio ports) also went through a period where technology evolved,
>first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
>even higher speed alternatives. In that arena, both users and sysops actively
>upgraded their modems, and apparently did so without any burnout whatsoever.
>Costs were also more reasonable. Even though many BBS's were gone by the time
>28.8kB modems emerged, the Internet itself kept the development trend going.

The difference is that with packet radio, (the same) amateurs did both the
development of new hardware and the deployment of the infrastructure.

In the telephone modem market, the development and manufacturing was done
by commercial corporations, and both the users and the BBS sysops were
buying these off the shelf.

Because of the higher volume, they were also paying less than what the
typical higher-speed packet radio solution would cost (with the possible
exception of 1200-to-4800 bps packet updates).

So, while the telephone BBS sysop was faced with costs and efforts, they
were nowhere near the costs and efforts a typical packet radio node or
BBS operator was facing. Same for the telephone BBS user vs. the packet
radio system user.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1237. Mixw 2.0 RC6 now available for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 10:55:51 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9ffphacvr2@bob.news.rcn.net>
Source record: 8475

Hi Fellow Warblers MixW 2.0 RC6 now available for downloading.. The following Bugs were fixed.:
Bug fixes:
- RTTY 850 Hz shift must work now
- MT63 now allows not only 500 Hz start frequency
- DXCluster wrong mode selection bug is fixed
- ... and some more less important bugs are fixed including one registration-related.
The URL: is http://www.nbvv.net/~jaffejim/mixwpage.htm for those of you who do not know the modes that MixW 2.0 does here is a recapitulation of it's features:
Supports CAT, and Automatic antenna rotators, High Speed logging system, Contest Logging export both to ADIF files and Cibrillo files. Imports ADIF files from other logging systems. Does the following modes: PSK, QPSK, FSK31, MFSK,MT63,RTTY any speed any shift, CW, Packet HF/VHF, Amtor FEC, Pactor FEC, Pactor ARQ RX, Amtor ARQ RX, SSTV, Voice keying (calls cq or any other message in your own voice) FAX RX only displays Antenna Heading graphically and Numerically plus much more. Best 73 and Happy Warbling Jim, WA2VOS

1238. Re: Mixw 2.0 RC6 now available for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 11:41:26 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <GtKS6.50816$qs3.23229908@news2.rdc2.tx.home.com>
Source record: 8476

Actually Jim, it's:

http://www.nvbb.net/~jaffejim/mixwpage.htm

Don't you hate it when the dyslexia kicks in...

73, Steve

"Jim Jaffe" wrote
> Hi Fellow Warblers MixW 2.0 RC6 now available for downloading.. The
> following Bugs were fixed.:
> Bug fixes:
> - RTTY 850 Hz shift must work now
> - MT63 now allows not only 500 Hz start frequency
> - DXCluster wrong mode selection bug is fixed
> - ... and some more less important bugs are fixed including
> one registration-related.
> The URL: is http://www.nbvv.net/~jaffejim/mixwpage.htm

1239. Re: Mixw 2.0 RC6 now available for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 12:28:49 UTC
From: Jim Jaffe <jaffejim@erols.com>
Message-ID: <9ffuu3$9qd$1@bob.news.rcn.net>
Source record: 8477

Sorry....please make the correct change to the URL it should read
http://www.nvbb.net/~`jaffejim/mixwpage.htm! That's what you get for
posting at 0530 ... Jim, WA2VOS
"Jim Jaffe" <jaffejim@drugteach.org> wrote in message
news:9ffphacvr2@bob.news.rcn.net...
> Hi Fellow Warblers MixW 2.0 RC6 now available for downloading.. The
> following Bugs were fixed.:
> Bug fixes:
> - RTTY 850 Hz shift must work now
> - MT63 now allows not only 500 Hz start frequency
> - DXCluster wrong mode selection bug is fixed
> - ... and some more less important bugs are fixed including
> one registration-related.
> The URL: is http://www.nvbb.net/~jaffejim/mixwpage.htm for those of you
who
> do not know the modes that MixW 2.0 does here is a recapitulation of it's
> features:
> Supports CAT, and Automatic antenna rotators, High Speed logging system,
> Contest Logging export both to ADIF files and Cibrillo files. Imports ADIF
> files from other logging systems. Does the following modes: PSK, QPSK,
> FSK31, MFSK,MT63,RTTY any speed any shift, CW, Packet HF/VHF, Amtor FEC,
> Pactor FEC, Pactor ARQ RX, Amtor ARQ RX, SSTV, Voice keying (calls cq or
any
> other message in your own voice) FAX RX only displays Antenna Heading
> graphically and Numerically plus much more. Best 73 and Happy Warbling
Jim,
> WA2VOS
>
>

1240. Re: Mixw 2.0 RC6 now available for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 13:11:29 UTC
From: Steve Sampson <k5okc@nospam.home.com>
Message-ID: <5OLS6.51187$qs3.23353262@news2.rdc2.tx.home.com>
Source record: 8478

Close Jim. Get rid of the apostrophe...

http://www.nvbb.net/~jaffejim/mixwpage.htm

Put that in a file for next time, so you don't have to
go through this every release.

73, Steve

"Jim Jaffe" <jaffejim@erols.com> wrote
> Sorry....please make the correct change to the URL it should read
> http://www.nvbb.net/~`jaffejim/mixwpage.htm! That's what you get for
> posting at 0530 ... Jim, WA2VOS

1241. MixW 2.0 RC 6 WRONG ADDRESS IN URL

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 14:55:36 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9fg7hplls2@bob.news.rcn.net>
Source record: 8479

My my sincere apologies I posted a URL with a incorrect address.. that is what I get for trying to rush things so early in the morning before my eye had a chance to settle down..
The Currect URL for access the MixW website is:
http://www.nvbb.net/~jaffejim/mixwpage.htm Please make note that I had reversed some of the lettering in the URL.. Best 73 and good luck.. again sorry for my mistakes.. Jim, WA2VOS

Hi Fellow Warblers MixW 2.0 RC6 now available for downloading.. The following Bugs were fixed.:
Bug fixes:
- RTTY 850 Hz shift must work now
- MT63 now allows not only 500 Hz start frequency
- DXCluster wrong mode selection bug is fixed
- ... and some more less important bugs are fixed including one registration-related.

The URL: is http://www.nvbbnet/~jaffejim/mixwpage.htm for those of you who do not know the modes that MixW 2.0 does here is a recapitulation of it's features:
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1242. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 16:05:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <MkOS6.3465$Ji.316364@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8480

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:3ccmhtg2tm0vq335t9q8adqkjjvjou5dls@4ax.com...
> On Sun, 03 Jun 2001 23:47:54 GMT, "Hank Oredson" <horedson@att.net>
> wrote:
>
>
> > >> Can you be a bit more specific about what amateur data you have in
> > >> mind that require T1 or WLAN speeds ?
> > >
> > >Web pages (web based database access applications) are one example.
> > >We have some running here, but 9600 is simply too slow to be interesting.
>
> While I agree that 9600 bit/s half duplex is useless for any practical
> web applications, 9k6 to 14k4 full duplex connections are quite usable
> for mainly text based pages. Speeds in the order of 100 .. 250 k
> should be more than sufficient for most web pages. There are of course
> pages with a lot of bells and whistles requiring unlimited throughput,
> but these pages usually lack any usable contents anyway :-)
>
> > >Spectral data ("See what my radio hears") and digitized audio.
> > >Digitized video ("Look at my backyard").
>
> You could take that idea a step further and build a remote controlled
> club station in a place with low noise levels and no antenna
> restrictions and let the club member access this station from home,
> work or from a parking lot via a microwave connection. With ADCs and
> DACs intended for the "high end" audio applications with 18 to 24 bit,
> 100 .. 120 dB dynamic range and up to 192 kHz sampling rate, you could
> broadcast the whole band (such as 30 m) or a full segment to multiple
> end user stations and letting them pick the actual transmissions they
> are interested in.
>
> > >"Hey Ken, I have an update to SNOS, will ftp it over to you."
> > >Takes 30-60 minutes at 9600 baud.
>
> At 250 kbit/s those transfer times would be reduced considerably. I
> don't expect you to generate a new version every 5 minute :-).

Sometimes, when Ken and I are testing a new idea in SNOS,
we might load new software every 10 or 15 minutes for a couple
hours while debugging or trying out variations on the idea.
We use the internet to get the software updated of course (smile).

> The reason that I am quite sceptic about T1 and above speeds, are that
> in order to use some simple modulation methods, a more or less clean

> line-of-site path are required with no obstacles in the first Fresnel
> zone. Unfortunately such paths are extremely rare in amateur radio
> systems.

And that is one of the major problems with high speed packet,
particularly in places like this, where there are hills and mountains
everywhere, and almost never a good clean path.

> In order to be practically usable, the data transfer must work well in
> non-line-of-site paths with lot of multipath. This will require a more
> complicated modulation, such as OFDM or spread spectrum (no doubt a
> WLAN card with a transverter down to 1.3 GHz and a medium to high
> power transmitter would be an interesting thing). The other thing is
> that the power requirement will be quite high when operating at
> non-LOS paths. Increasing the data rate will also require increasing
> the transmitter power levels.

Exactly. And the higher transmit power and higher gain antennas
make the cost of the links higher.

> You can get a feel how well the signal will propagate in non-LOS
> microwave conditions e.g. by using an HT on the 23 cm band. However,
> to get similar distances with T1 speeds, a bandwidth about 100 times
> wider is required and hence, a transmitter power 100 larger is also
> required. Thus, we are in the 10 .. 100 W power range, which becomes
> quite expensive on 2.3 GHz and above, not to mention that using such
> power levels in a portable setup would be quite problematic :-).
>
> IMHO, in order for any microwave digital transfer system to gain any
> kind of popularity, it must be capable of operating on non-LOS paths
> and thus, I think that too ambitious transfer speeds should not be
> used.

Agree.

> Paul OH3LWR

--

... Hank

http://horedson.home.att.net

1243. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 16:25:58 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9hndkm.fan.nomail@linux.pe1chl.ampr.org>
Source record: 8481

Hank Oredson <horedson@att.net> wrote:

>> At 250 kbit/s those transfer times would be reduced considerably. I
>> don't expect you to generate a new version every 5 minute :-).

>Sometimes, when Ken and I are testing a new idea in SNOS,
>we might load new software every 10 or 15 minutes for a couple
>hours while debugging or trying out variations on the idea.
>We use the internet to get the software updated of course (smile).

Stop using a monolith and use small loadable modules that can be
demand-loaded into the OS kernel and/or your userspace application.

Then you won't need to transfer hundreds of kilobytes just to change a
single function somewhere hidden inside it.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1244. Soundcard packet on HF???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 17:01:15 UTC
From: rmclean@invalid.com
Message-ID: <3B1BBE9F.4E52E92E@invalid.com>
Source record: 8482

Dose anyone know of any software that will operaste at 300bps for hf packet on a sound card?? All the stuff I've seen so far is 1200 and 9600. Any ideas? de WO5M

--
Randy Mclean
Administrator of Novell, UNIX, NT, Network Security, and/or any thing else that users break around here(WHY IS THAT???)!

1245. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 19:22:43 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3B1BE003.A71E4F43@junglevision.com>
Source record: 8484

"D. Stussy" wrote:
>
> On 4 Jun 2001, Rob Janssen wrote:
> > D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > >Which is a very unique result. In the other context, those who used landline
> > >BBS's (no radio ports) also went through a period where technology evolved,
> > >first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
> > >even higher speed alternatives. In that arena, both users and sysops actively
> > >upgraded their modems, and apparently did so without any burnout whatsoever.
> > >Costs were also more reasonable. Even though many BBS's were gone by the time
> > >28.8kB modems emerged, the Internet itself kept the development trend going.
> >
> > The difference is that with packet radio, (the same) amateurs did both the
> > development of new hardware and the deployment of the infrastructure.
>
> Right, but as far as I know, there was no deployment of greater than 9,600 baud
> in my area (Los Angeles, where we probably have 4% of the entire U.S. ham
> population). It never caught on.
>
> > In the telephone modem market, the development and manufacturing was done
> > by commercial corporations, and both the users and the BBS sysops were
> > buying these off the shelf.
> >
> > Because of the higher volume, they were also paying less than what the
> > typical higher-speed packet radio solution would cost (with the possible
> > exception of 1200-to-4800 bps packet updates).
> >
> > So, while the telephone BBS sysop was faced with costs and efforts, they
> > were nowhere near the costs and efforts a typical packet radio node or
> > BBS operator was facing. Same for the telephone BBS user vs. the packet
> > radio system user.
>
> I don't dispute that an "economy of scale" didn't play a factor here.
>
> However, once development is done and no longer a cost issue, I'm still
> surprised that the higher speeds never caught on. Look at the few "commercial"
> manufacturers such as AEA (now Timewave), MFJ, Kantronics, etc.... What are
> they designing and making still? 1200 and 9600 baud equipment. Nothing
> significantly faster (one of them has a 19.2, and I heard from Phil Anderson of
> Kantronics that a 38.4 TNC was planned some 4 years ago, but where is it?)....
>

I believe the KPC9612 does do 38.4kb. At least, according to the manual.

> The 9600 baud designs (by K9NG and G3RUH) were sold to the manufacturers, but as
> far as I know, the WA4DSY 56kB design has not been (but instead, makes its own
> line, which 6 years ago was very difficult to even find its site via the WWW).

1246. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 19:29:16 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106041916510.21830-100000@exp.bde-arc.ampr.org>
Source record: 8483

On 4 Jun 2001, Rob Janssen wrote:
> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >Which is a very unique result. In the other context, those who used landline
> >BBS's (no radio ports) also went through a period where technology evolved,
> >first from 2400 baud to 9600 baud to where we are now at 56kb for modems and
> >even higher speed alternatives. In that arena, both users and sysops actively
> >upgraded their modems, and apparently did so without any burnout whatsoever.
> >Costs were also more reasonable. Even though many BBS's were gone by the time
> >28.8kB modems emerged, the Internet itself kept the development trend going.
>
> The difference is that with packet radio, (the same) amateurs did both the
> development of new hardware and the deployment of the infrastructure.

Right, but as far as I know, there was no deployment of greater than 9,600 baud in my area (Los Angeles, where we probably have 4% of the entire U.S. ham population). It never caught on.

> In the telephone modem market, the development and manufacturing was done
> by commercial corporations, and both the users and the BBS sysops were
> buying these off the shelf.
>
> Because of the higher volume, they were also paying less than what the
> typical higher-speed packet radio solution would cost (with the possible
> exception of 1200-to-4800 bps packet updates).
>
> So, while the telephone BBS sysop was faced with costs and efforts, they
> were nowhere near the costs and efforts a typical packet radio node or
> BBS operator was facing. Same for the telephone BBS user vs. the packet
> radio system user.

I don't dispute that an "economy of scale" didn't play a factor here.

However, once development is done and no longer a cost issue, I'm still surprised that the higher speeds never caught on. Look at the few "commercial" manufacturers such as AEA (now Timewave), MFJ, Kantronics, etc.... What are they designing and making still? 1200 and 9600 baud equipment. Nothing significantly faster (one of them has a 19.2, and I heard from Phil Anderson of Kantronics that a 38.4 TNC was planned some 4 years ago, but where is it?)....

The 9600 baud designs (by K9NG and G3RUH) were sold to the manufacturers, but as far as I know, the WA4DSY 56kB design has not been (but instead, makes its own line, which 6 years ago was very difficult to even find its site via the WWW).

1247. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 20:33:03 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9fgr9v$469$0@216.39.171.5>
Source record: 8485

On Mon, 04 Jun 2001 19:29:16 GMT, D. Stussy wrote:
>
> The 9600 baud designs (by K9NG and G3RUH) were sold to the
> manufacturers, but as far as I know, the WA4DSY 56kB design has not
> been (but instead, makes its own line, which 6 years ago was very
> difficult to even find its site via the WWW).
>

The WA4DSY 56kb modem was kitted by GRAPES and is now sold by PacComm.

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1248. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-04 22:22:31 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ho2h7.qub.nomail@linux.pe1chl.ampr.org>
Source record: 8486

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>However, once development is done and no longer a cost issue, I'm still
>surprised that the higher speeds never caught on. Look at the few "commercial"
>manufacturers such as AEA (now Timewave), MFJ, Kantronics, etc.... What are
>they designing and making still? 1200 and 9600 baud equipment. Nothing
>significantly faster (one of them has a 19.2, and I heard from Phil Anderson of
>Kantronics that a 38.4 TNC was planned some 4 years ago, but where is it?)....

>The 9600 baud designs (by K9NG and G3RUH) were sold to the manufacturers, but as
>far as I know, the WA4DSY 56kB design has not been (but instead, makes its own
>line, which 6 years ago was very difficult to even find its site via the WWW).

Not many commercial manufacturers are prepared to take the risk of
introducing new packet equipment in a network that in many places
(including yours) did not make it beyond 1200 bps. When 9600 is too
much, what would happen with 38k4?

I don't know how far away from you he is, but one of the very active hams
trying to introduce 9600 was WD6EHR.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1249. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 00:08:20 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9fh7qu01h4s@enews4.newsguy.com>
Source record: 8487

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ho2h7.qub.nomail@linux.pe1chl.ampr.org...
>
> Not many commercial manufacturers are prepared to take the risk of
> introducing new packet equipment in a network that in many places
> (including yours) did not make it beyond 1200 bps. When 9600 is too
> much, what would happen with 38k4?
>

http://www.baycom.org/

Why not look at what's available from the folks who supply most of the high speed packet being done today? You can get finished and tested units, or kits, or just the download the specs and roll your own. Good stuff.

73 DE Charles, N5PVL

1250. SGC-2020 with PSK-31??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 05:20:53 UTC
From: ebruchac@aol.comnojunk
Message-ID: <20010605012053.10322.00001824@ng-cu1.aol.com>
Source record: 8488

Anyone using the SGC-2020 on PSK? What is the maximum power level the rig can be set to in this mode?
Tnx,
Ed N4ZUM
" I believe in equality for everyone.Except for Photographers and Reporters."
--I.Ghandi

Remove the,"nojunk" to email.

1251. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 05:33:20 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106050521000.22679-100000@exp.bde-arc.ampr.org>
Source record: 8489

On 4 Jun 2001, Rob Janssen wrote:
> Not many commercial manufacturers are prepared to take the risk of
> introducing new packet equipment in a network that in many places
> (including yours) did not make it beyond 1200 bps. When 9600 is too
> much, what would happen with 38k4?
>
> I don't know how far away from you he is, but one of the very active hams
> trying to introduce 9600 was WD6EHR.

Mike, WD6EHR, is only about 15 miles from me, and he is one of the few "die-hards" who still has something on the air. I believe that he's given up on trying to push his ideas about a network, etc., because not more than just a handful (and I mean by that, 10 or less) of others even care any more.

East of Los Angeles, in the San Bernardino/Riverside area, I've heard that what was once there has practically been dismantled. Most stations are now off the air, and many mountaintop nodes have been turned off too.

The only thing that I hear on 2m is K6VE's BBS (the area hub), TRW's gateway, a couple of other BBS's, about 5 nodes, and some beacons from the RACES stations in San Diego. My heard list on 223.660 has not had a entry in 2 years. On 441.500, only one BBS shows up. I've even seen a complete, solar-powered packet station, a former netrom node (TNC, radio, outdoor casing, solar panels, etc.), for sale at one of our local radio swap meets about a year or two ago.

1252. Digital modes in Sweden?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 07:28:59 UTC
From: Tobin Fricke <tobin+usenet@splorg.org>
Message-ID: <3B1C8A34.24B782DA@splorg.org>
Source record: 8490

I'm about to move to Sweden. Does anyone know anything about the popularity of
amateur radio there, especially digital modes?

Tobin

1253. Re: Digital modes in Sweden?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 07:42:41 UTC
From: magne@clustra.com
Message-ID: <m33d9fe5ji.fsf@clustra.com>
Source record: 8491

Tobin Fricke <tobin+usenet@splorg.org> writes:

> I'm about to move to Sweden. Does anyone know anything about the
> popularity of
> amateur radio there, especially digital modes?

Speaking only as a "neighbour", I think we can say that the
situation in Sweden is about the same as everywhere else in
Europe.

The diversity in activities is high, even though there are fewer
that do radio stuff on a regular basis. I get the impression that
packet radio is more or less dying, at least if you compare to the
level of activity 8-10 years ago. The interest in HF digital modes
is constant or increasing, probably due to PSK31 and its cousins.

You'll find activity on bands from 137kHz up to plenty of GHz.

--Magne / la1bfa

1254. ampr.org ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 11:07:55 UTC
From: Thibaut Maquet <maquet@bigfoot.com>
Message-ID: <9fiek8$ol1$1@s1.read.news.oleane.net>
Source record: 8492

Hello friends,

what's happening with www.ampr.org. ??
It's been several days the site is down.

Cheers !
Thibaut / F5CDQ

1255. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 15:44:48 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Q77T6.4452$Ji.395011@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8493

A bit north of you, KM6RZ and N6IYA are still on air.

--

... Hank

http://horedson.home.att.net

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10106050521000.22679-100000@exp.bde-arc.ampr.org...
> On 4 Jun 2001, Rob Janssen wrote:
> > Not many commercial manufacturers are prepared to take the risk of
> > introducing new packet equipment in a network that in many places
> > (including yours) did not make it beyond 1200 bps. When 9600 is too
> > much, what would happen with 38k4?
> >
> > I don't know how far away from you he is, but one of the very active hams
> > trying to introduce 9600 was WD6EHR.
>
> Mike, WD6EHR, is only about 15 miles from me, and he is one of the few
> "die-hards" who still has something on the air. I believe that he's given up
on
> trying to push his ideas about a network, etc., because not more than just a
> handful (and I mean by that, 10 or less) of others even care any more.
>
> East of Los Angeles, in the San Bernardino/Riverside area, I've heard that
what
> was once there has practically been dismantled. Most stations are now off
the
> air, and many mountaintop nodes have been turned off too.
>
> The only thing that I hear on 2m is K6VE's BBS (the area hub), TRW's gateway,
a
> couple of other BBS's, about 5 nodes, and some beacons from the RACES
stations
> in San Diego. My heard list on 223.660 has not had a entry in 2 years. On
> 441.500, only one BBS shows up. I've even seen a complete, solar-powered
packet
> station, a former netrom node (TNC, radio, outdoor casing, solar panels,
etc.),
> for sale at one of our local radio swap meets about a year or two ago.
>

1256. Re: Soundcard packet on HF???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 17:50:42 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <5%8T6.33154$TW.166681@tor-nn1.netcom.ca>
Source record: 8494

MixW32 by UT2UZ will do the trick but it is shareware.

Rob

<rmclean@invalid.com> wrote in message news:3B1BBE9F.4E52E92E@invalid.com...
> Dose anyone know of any software that will operaste at 300bps for hf
> packet on a sound card?? All the stuff I've seen so far is 1200 and
> 9600. Any ideas? de WO5M
>
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!
>
>

1257. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 18:05:08 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <lc9T6.33160$TW.166771@tor-nn1.netcom.ca>
Source record: 8495

Jim,

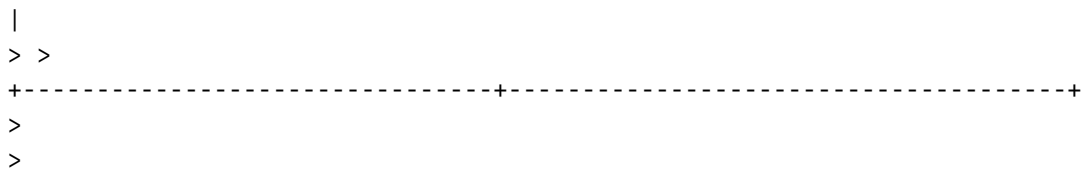
I DISAGREE!! It is VERY difficult to implement the BURST modes under Windows. The licensing issue is a SEPARATE issue. To my knowledge, there are NO licensing issues regarding AMTOR ARQ yet there are NO sound card programs for Windows (including MixW32) that implement it.

AMTOR ARQ requires VERY strict timing. (E.g. after receiving the ACK or NAK, the master must send the next data packet or resend the last within x ms. Even with Microsoft DirectX technology that would be impossible to implement under Windows. You would be lucky to get timing within 20 ms under MS DirectX.

Many sound card programs implement packet. But packet is NOT a synchronous mode and does NOT require strict timing.

Rob

"Jim Jaffe" <jaffejim@drugteach.org> wrote in message
news:9ffosj$a5a$1@bob.news.rcn.net...
> Hate to shoot you down my dear friend but you obviously do not know what
> you're talking about.. We're doing Packet right now and if not for the
> licensing by the GERMANS we also could do Pactor I Pactor II also any
other
> mode.. that is out there so again I don't mean to be abrupt but if you
post
> information a little research would go a long way.. Best 73 and good
luck..
> Jim, WA2VOS
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn9fv4cn.up2.nomail@linux.pe1chl.ampr.org...
> > jfenn@lava.net <jfenn@lava.net> wrote:
> > >From what I have heard, there is no "soundcard" driven softweare that
> > >can do pactor, packet, or any of the modes that has error cqn
> > >builtin. Also was told there wont be any written because it
> > >simply cant be done without a TNC to do it.
> >
> > And you believed that?
> >
> > Rob
> > --
> >
+--------------------------------+-------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU



1258. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-05 19:48:19 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106051942430.23936-100000@exp.bde-arc.ampr.org>
Source record: 8496

Warren, KM6RZ is 150 miles and about 3 mountain ranges away and is one of the other "die-hards." He used to drive down for SCDCC meetings in Los Angeles County, despite the distance. Packet is almost completely dead in his area too. N6IYA isn't even in Southern California, and therefore wasn't considered in my response (he's between San Francisco and Monterey, and nearer to the latter).

On Tue, 5 Jun 2001, Hank Oredson wrote:
> A bit north of you, KM6RZ and N6IYA are still on air.
>
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10106050521000.22679-100000@exp.bde-arc.ampr.org...
> > On 4 Jun 2001, Rob Janssen wrote:
> > > Not many commercial manufacturers are prepared to take the risk of
> > > introducing new packet equipment in a network that in many places
> > > (including yours) did not make it beyond 1200 bps. When 9600 is too
> > > much, what would happen with 38k4?
> > >
> > > I don't know how far away from you he is, but one of the very active hams
> > > trying to introduce 9600 was WD6EHR.
> >
> > Mike, WD6EHR, is only about 15 miles from me, and he is one of the few
> > "die-hards" who still has something on the air. I believe that he's given up
> on
> > trying to push his ideas about a network, etc., because not more than just a
> > handful (and I mean by that, 10 or less) of others even care any more.
> >
> > East of Los Angeles, in the San Bernardino/Riverside area, I've heard that
> what
> > was once there has practically been dismantled. Most stations are now off
> the
> > air, and many mountaintop nodes have been turned off too.
> >
> > The only thing that I hear on 2m is K6VE's BBS (the area hub), TRW's gateway,
> a
> > couple of other BBS's, about 5 nodes, and some beacons from the RACES
> stations
> > in San Diego. My heard list on 223.660 has not had a entry in 2 years. On
> > 441.500, only one BBS shows up. I've even seen a complete, solar-powered
> packet
> > station, a former netrom node (TNC, radio, outdoor casing, solar panels,
> etc.),
> > for sale at one of our local radio swap meets about a year or two ago.

1259. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 04:10:04 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <jr6pht4sp6badsuf7f67sag4f5gm5ved9q@4ax.com>
Source record: 8498

On Mon, 04 Jun 2001 16:05:00 GMT, "Hank Oredson" <horedson@att.net>
wrote:

<The high transmitter power requirement for non line-of-sight paths>

>Exactly. And the higher transmit power and higher gain antennas
>make the cost of the links higher.

While you might be able to use highly directional antennas in some nearly LOS, fixed point-to-point links and thus reduce the transmitter power requirement, this is not a general solution.

When you are well below LOS or when one of the stations are moving, there is not much point in concentrating the power to a narrow beam, since you do not know in advance, which path the strongest signal will take. The situation may change rapidly e.g. due to moving or parked cars reflecting the signal or more slowly due to absorption in changing vegetation.

You either have to use a high transmitter power and a more or less omnidirectional antenna or some very complex electronic realtime adaptive antenna pattern steering to concentrate the power to the best path for that moment.

While in free space, the received power density drops proportionally to the square of the distance, in non-LOS systems, the received power drops generally proportionally to the 3.5th or 4th power of the distance in an urban environment.

When a typical NBFM HT has a usable sensitivity of -120 dBm, the sensitivity figures quoted for Bluetooth and WLAN is in the order of -90 dBm, so we could expect a 1000 times transmitter power requirement when going from 9600 bit/s to some multimegabit system if the distance is kept the same.

On the other hand, if the transmitter power is constant, the LOS distance will drop to 1/30 for the high speed mode. In urban non-LOS paths, the distance might drop to 1/6, so if a 1 W HT on 23 cm is useful for 1.. 2 km, a high speed 1 W transmitter might be usable for 200 ... 300 m.

The large majority of practical ham paths would be non-LOS, so there is not much point in designing some high speed (1.. 10 Mbit/s) fragile systems for LOS paths, but instead design some medium speed (100 kbit/s) robust (such as OFDM with heavy FEC) systems for non-LOS paths.

Paul OH3LWR

1260. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 04:18:34 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <uaiT6.64133$t12.5085568@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8497

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10106051942430.23936-100000@exp.bde-arc.ampr.org...
> Warren, KM6RZ is 150 miles and about 3 mountain ranges away and is one of the
> other "die-hards." He used to drive down for SCDCC meetings in Los Angeles
> County, despite the distance. Packet is almost completely dead in his area
too.
> N6IYA isn't even in Southern California, and therefore wasn't considered in
my
> response (he's between San Francisco and Monterey, and nearer to the latter).

In Felton ... I used to live two miles from John.
I forward with all three of them (k6ve, km6rz, n6iya).

> On Tue, 5 Jun 2001, Hank Oredson wrote:
> > A bit north of you, KM6RZ and N6IYA are still on air.
> >

--

... Hank

http://horedson.home.att.net

1261. Re: Why can't I have one?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 04:19:57 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <NbiT6.64135$t12.5087926@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8499

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:jr6pht4sp6badsuf7f67sag4f5gm5ved9q@4ax.com...
> On Mon, 04 Jun 2001 16:05:00 GMT, "Hank Oredson" <horedson@att.net>
> wrote:
>
> <The high transmitter power requirement for non line-of-sight paths>
>
> >Exactly. And the higher transmit power and higher gain antennas
> >make the cost of the links higher.
>
> While you might be able to use highly directional antennas in some
> nearly LOS, fixed point-to-point links and thus reduce the transmitter
> power requirement, this is not a general solution.

All the links I'm interested in are point-to-point, and are LOS
or near LOS, so there is some hope (smile).

--

... Hank

http://horedson.home.att.net

1262. Re: Soundcard packet on HF???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 07:09:27 UTC
From: allanwood3@aol.comnojunk
Message-ID: <20010606030927.25284.00002735@ng-ck1.aol.com>
Source record: 8500

Yes - I have been chasing the same subject for some time. Try a programme called MixW, it is available for free download of a trial version. I can't remember the URL but a search or a look at the 'official' PSK site will point you in the right direction. Also look at other posts in this newsgroup.

Allan G3RDC

1263. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 07:59:18 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9hromm.2p7.nomail@linux.pe1chl.ampr.org>
Source record: 8301

Rob <Pse@NoEmail.Com> wrote:
>Jim,

>I DISAGREE!! It is VERY difficult to implement the BURST modes under
>Windows. The licensing issue is a SEPARATE issue. To my knowledge, there
>are NO licensing issues regarding AMTOR ARQ yet there are NO sound card
>programs for Windows (including MixW32) that implement it.

>AMTOR ARQ requires VERY strict timing. (E.g. after receiving the ACK or
>NAK, the master must send the next data packet or resend the last within x
>ms. Even with Microsoft DirectX technology that would be impossible to
>implement under Windows. You would be lucky to get timing within 20 ms
>under MS DirectX.

Who said "Windows"? Nobody did.
He said it was impossible to do with a soundcard and without a TNC, which
obviously is nonsense. There may be licensing issues for some of the
mentioned protocols, but certainly not for all. And there may be technical
issues with Windows, but you can run another OS.

>Many sound card programs implement packet. But packet is NOT a synchronous
>mode and does NOT require strict timing.

There was a generic "any mode that has error cqn builtin.", including
packet. This is obviously bullshit. Packet programs are widely available,
and demonstrations of soundcard modems with advanced error correction can
be found as well (e.g. on KA9Q's page).

What may be lacking is a turnkey solution that implements a de-facto
standard protocol. But that is not because it cannot be done, as was
the claim.

Rob

>"Jim Jaffe" <jaffejim@drugteach.org> wrote in message
>news:9ffosj$a5a$1@bob.news.rcn.net...
>> Hate to shoot you down my dear friend but you obviously do not know what
>> you're talking about.. We're doing Packet right now and if not for the
>> licensing by the GERMANS we also could do Pactor I Pactor II also any
>other
>> mode.. that is out there so again I don't mean to be abrupt but if you
>post
>> information a little research would go a long way.. Best 73 and good
>luck..
>> Jim, WA2VOS
>> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>> news:slrn9fv4cn.up2.nomail@linux.pe1chl.ampr.org...

```
>> > jfenn@lava.net <jfenn@lava.net> wrote:
>> > >From what I have heard, there is no "soundcard" driven softweare that
>> > >can do pactor, packet, or any of the modes that has error cqn
>> > >builtin. Also was told there wont be any written because it
>> > >simply cant be done without a TNC to do it.
>> >
>> > And you believed that?
>> >
>> > Rob
>> > --
>> >
>+---------------------------------+--------------------------------------+
>> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
>|
>> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
>|
>> >
>+---------------------------------+--------------------------------------+

--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+
```

1264. PR: MultiComm Host/Multimode released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 13:38:07 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <pgqT6.9839$i4.270802@e420r-atl1.usenetserver.com>
Source record: 8302

MFJ and CSS release MultiComm Host/ Multimode for Windows 95, Windows 98, Windows Me, Windows NT and Windows 2000

Muscle Shoals, Alabama. June 5, 2001: MFJ and Creative Services Software announced today that MultiComm Host for Multimode 1.5P, a 32-bit host mode program for the MFJ-1278 TNCs has been released. The program takes advantage of the advanced features of Windows 95, Windows 98, Windows Me, Windows NT, and Windows 2000. MultiComm Host/Multimode uses the TNC's 'BLP' host mode for Packet communications and terminal mode for the HF and SSTV mode. Its MFJ part number is MFJ-1289H.

Company President Rick Ruhl, W4PC, said, "BLP Host Mode was created by Howard Goldstein, N2WX, in 1991. According to the MFJ technical staff, we are the first company in the 10 years it has existed to successfully interface to BLP Host Mode. This 32-bit version also supports PSK-31 by using the sound card for the PSK-31 audio and the TNC for the keying circuit. While this version is considered a Preview version, all functionality except for robot CQ and SSTV transmit is implemented and has been tested thoroughly in house, by the MFJ staff and our fine beta team in the field"

Product features include: Each stream has its own window and transmit buffer, support for the major callbooks on CD, user configurable colors and fonts, a 'bottomless' receive window, automated connections, binary file transfer, runs true 32 bit multitasking and multithreading and is easy to use with online help at your fingertips. All of the MFJ-1278's HF modes are supported including SSTV and PSK-31. It includes CSS's 'Auto logging' technology which allows you to log contacts directly from the program to CSS 's own Log Windows or DXBase 2002. A demo can be downloaded at http://www.cssincorp.com/multicommhost and retails for $79.95.

"The program is written in robust C++ ", Ruhl said. "Which allowed us to add features to the program that couldn't be done in other languages."

Creative Services Software, Inc was incorporated in 1988 and created the 32 bit Terminal program for Kantronics TNC's, PacTerm '98 and PK-Term '99 for AEA/TimeWave. CSS also develops, sells and support the top logging software product, Log Windows. The web address for CSS is http://www.cssincorp.com, for MFJ http://www.mfjenterprises.com

1265. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 14:14:27 UTC
From: Jan Ditzian <ditzian@alltel.net>
Message-ID: <3B1E3AC2.B2991084@alltel.net>
Source record: 8303

K6STI's Ritty program did Pactor before he became annoyed and stopped distributing it. I do not know if his new Ritty does pactor. The old one was a DOS-based soundcard program.

73,
Jan, KX2A

1266. Radiofax Info here

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-06 21:23:30 UTC
From: "Timothy.Rulon" <Timothy.Rulon@noaa.gov>
Message-ID: <3B1E9F52.FFC2C64@noaa.gov>
Source record: 8304
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.digital.misc

Radiofax friends,

A new version of our "Worldwide Radiofacsimile Broadcast Schedules"
dated June 05, 2001 may now be found on the web at:
http://www.nws.noaa.gov/om/marine/radiofax.htm

Please also visit the U.S. National Weather Service "Marine Product
Dissemination Information" Webpage which contains information on the
dissemination of marine weather forecasts including radiofax, such as
frequency and broadcast schedule information as well as links to
products and related information . See:
http://www.nws.noaa.gov/om/marine/home.htm

The accuracy of this publication depends on YOUR input.
Please direct comments, recommendations, additions or deletions for this

publication to:

Tim Rulon
National Weather Service W/OS21
1325 East-West Highway
Silver Spring, MD 20910 USA
1-301-713-1677 x128
1-301-713-1598 (fax)
timothy.rulon@noaa.gov
marine.weather@noaa.gov
http://www.nws.noaa.gov/om/marine/home.htm

1267. Re: Radiofax Info here

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-07 08:07:24 UTC
From: Ted Sloan <tedsloan@ntlworld.com>
Message-ID: <MPG.158946954b2c6417989680@news.ntlworld.com>
Source record: 8305
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.digital.misc

In article <3B1E9F52.FFC2C64@noaa.gov>, Timothy.Rulon@noaa.gov says...
> Radiofax friends,
>
> A new version of our "Worldwide Radiofacsimile Broadcast Schedules"
> dated June 05, 2001 may now be found on the web at:
> http://www.nws.noaa.gov/om/marine/radiofax.htm
>
> Please also visit the U.S. National Weather Service "Marine Product
> Dissemination Information" Webpage which contains information on the
> dissemination of marine weather forecasts including radiofax, such as
> frequency and broadcast schedule information as well as links to
> products and related information . See:
> http://www.nws.noaa.gov/om/marine/home.htm
>
> The accuracy of this publication depends on YOUR input.
> Please direct comments, recommendations, additions or deletions for this
>
> publication to:
>
> Tim Rulon
> National Weather Service W/OS21
> 1325 East-West Highway
> Silver Spring, MD 20910 USA
> 1-301-713-1677 x128
> 1-301-713-1598 (fax)
> timothy.rulon@noaa.gov
> marine.weather@noaa.gov
> http://www.nws.noaa.gov/om/marine/home.htm
>
>
>

1268. FOR SALE! Digital Signal Processor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 00:07:45 UTC
From: Me <Me@home.com>
Message-ID: <xIUT6.17184$YB3.2602527@news2-win.server.ntlworld.com>
Source record: 8306

DSP unit for sale, Please click on the link below for details:

Thanks.. 73's
http://cgi.ebay.co.uk/aw-cgi/eBayISAPI.dll?ViewItem&item=1244628905

1269. Re: Soundcard packet on HF???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 01:02:39 UTC
From: John <jca1954@iprimus.com.au>
Message-ID: <3b21b220@news.iprimus.com.au>
Source record: 8313

The latest version of MixW will handle HF packet, for more go to,
http://www.nvbb.net/~jaffejim/mixwpage.htm

<rmclean@invalid.com> wrote in message news:3B1BBE9F.4E52E92E@invalid.com...
> Dose anyone know of any software that will operaste at 300bps for hf
> packet on a sound card?? All the stuff I've seen so far is 1200 and
> 9600. Any ideas? de WO5M
>
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!
>
>

1270. History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 08:36:30 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <Ml2g3tAq6II7EwW7@peaksys.co.uk>
Source record: 8307

Can anyone help me with dates for some of the major events in the development of the technology of packet radio? Any significant developments not mentioned here are omitted because I'm only looking at the technology used on the UK network. The dates in brackets are my best guesses.

AX25 V1 (1982)
AX25 V2 spec (1984)
TNC1 design (1982)
TNC2 design (1985)
Netrom (1985)
First BBS software compatible with modern forwarding protocols (?)
First use of compressed forwarding
KISS spec (1986)
G3RUH modem / any earlier 9k6 modem design (1987)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1271. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 10:12:28 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9i198c.q3d.nomail@linux.pe1chl.ampr.org>
Source record: 8311

Roger Barker <roger@peaksys.co.uk> wrote:
>Can anyone help me with dates for some of the major events in the
>development of the technology of packet radio? Any significant
>developments not mentioned here are omitted because I'm only looking at
>the technology used on the UK network. The dates in brackets are my best
>guesses.

>AX25 V1 (1982)
>AX25 V2 spec (1984)
>TNC1 design (1982)
>TNC2 design (1985)
>Netrom (1985)
>First BBS software compatible with modern forwarding protocols (?)
>First use of compressed forwarding
>KISS spec (1986)
>G3RUH modem / any earlier 9k6 modem design (1987)

TCP/IP over packet radio (KA9Q NET package): 1987 (usable version)
HAPN 4k8 modem: published in Hamradio august 1988
DRSI PC-PA (SCC card): 1989
PA0HZP OptoPcScc card: 1990
PACSAT protocols for distributing bulletins to many receivers: 1990

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1272. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 14:32:18 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <Pm5U6.34194$TW.171916@tor-nn1.netcom.ca>
Source record: 8308

Yes, RITTY version 2.xx did Pactor under DOS. It worked quite well. The newer versions of RITTY only do RTTY. But I understand that Brian K6STI still sells licences to the old version 2.38 for RTTY and Pactor.

Tom Sailr, HB9JNX devloped a FREE sound card program for Pactor but it requires a sound card with a PersonalSoundArchitecture (PSA) Chipset from Analog Devices, such as Echospeech Personal Sound. I don't think you can buy these sound cards anymore. It also ran under DOS. See Tom's homepage -- http://www.baycom.org/~tom/ham/ham.html

I also believe that there is a FREE sound card program for Pactor running under Linux.

The big problem is trying to implement the BURST modes under Windows. It may be possible to implement a NEW Burst mode under Windows with more RELAXED timing requirements. Maybe we will see that one day!

Rob

"Jan Ditzian" <ditzian@alltel.net> wrote in message news:3B1E3AC2.B2991084@alltel.net...
> K6STI's Ritty program did Pactor before he became annoyed and stopped
> distributing it. I do not know if his new Ritty does pactor. The old one was a
> DOS-based soundcard program.
>
> 73,
> Jan, KX2A
>
>

1273. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 14:39:21 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ts5U6.70211$4f7.5369427@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8309

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:Ml2g3tAq6II7EwW7@peaksys.co.uk...
> Can anyone help me with dates for some of the major events in the
> development of the technology of packet radio? Any significant
> developments not mentioned here are omitted because I'm only looking at
> the technology used on the UK network. The dates in brackets are my best
> guesses.
>
> AX25 V1 (1982)
> AX25 V2 spec (1984)
> TNC1 design (1982)
> TNC2 design (1985)
> Netrom (1985)
> First BBS software compatible with modern forwarding protocols (?)

April 1984 between w0rli and k1bc (First two BBS to forward)

> First use of compressed forwarding

1993

> KISS spec (1986)
> G3RUH modem / any earlier 9k6 modem design (1987)

--

... Hank

http://horedson.home.att.net

1274. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 15:19:43 UTC
From: dmoisan@shore.net
Message-ID: <3b207c48.43160248@news.shore.net>
Source record: 8310

On Tue, 5 Jun 2001 14:05:08 -0400, "Rob" <Pse@NoEmail.Com> wrote:
>ms. Even with Microsoft DirectX technology that would be impossible to
>implement under Windows. You would be lucky to get timing within 20 ms
>under MS DirectX.

The old HamComm DOS program did AMTOR ARQ with just a bit-banger
serial port interface. Is the timer resolution better under DOS?

Take care,

Dave

David Moisan, N1KGH, GROL n1kgh@amsat.org
Invisible Disability: http://www1.shore.net/~dmoisan/invisible_disability.html
GE Superradio FAQ: http://www1.shore.net/~dmoisan/faqs/superradio/gesr_faq.html
Sangean ATS-909 FAQ: http://www1.shore.net/~dmoisan/faqs/sangean/ats909faq.html

1275. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-08 22:05:23 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <D_bU6.70853$4f7.5411676@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8312

"Howard Goldstein" <hgoldste@mpcs.com> wrote in message
news:992013353.28633@news.queue.to...
> On Fri, 08 Jun 2001 08:36:30 GMT, Roger Barker <roger@peaksys.co.uk> wrote:
> : TNC2 design (1985)
>
> s /1985/1984/
>
> Significant bits of the firwmare were stolen from the 820-based FadPAD
> stuff which predates tnc2 by about a year....

Interesting side note: one of the original TNC2 Alpha cards (with a bunch
of blue wires on circuit board) is still on air here in Oregon.

Wonder if any 820 stuff is still on air?
There was the FadPAD, a "dual port digipeater", and BBS code for it.
Probably more as well (?)

Last BBS I know of using that machine shut down about 4 years ago.
It was in New Zealand, but I have forgotten the callsign.

--

... Hank

http://horedson.home.att.net

1276. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-09 07:30:09 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9i3k41.2t1.nomail@linux.pe1chl.ampr.org>
Source record: 8314

Hank Oredson <horedson@att.net> wrote:

>"Howard Goldstein" <hgoldste@mpcs.com> wrote in message
>news:992013353.28633@news.queue.to...
>> On Fri, 08 Jun 2001 08:36:30 GMT, Roger Barker <roger@peaksys.co.uk> wrote:
>> : TNC2 design (1985)

>> s /1985/1984/

>> Significant bits of the firwmare were stolen from the 820-based FadPAD
>> stuff which predates tnc2 by about a year....

>Interesting side note: one of the original TNC2 Alpha cards (with a bunch
>of blue wires on circuit board) is still on air here in Oregon.

>Wonder if any 820 stuff is still on air?
>There was the FadPAD, a "dual port digipeater", and BBS code for it.
>Probably more as well (?)

>Last BBS I know of using that machine shut down about 4 years ago.
>It was in New Zealand, but I have forgotten the callsign.

PA0GRI had one running, I am sure he still has it (he never throws
something away it seems) but it has not been on air for a decade...

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1277. Re: PSK and MixW 2.0 software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-09 15:34:19 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <_mrU6.34440$TW.173108@tor-nn1.netcom.ca>
Source record: 8315

The simple answer to your question is YES.

It is also a lot easier to implement BURST modes under DOS since you don't have too many other programs running at the same time. (You might have a TSR running under DOS. But if it is a problem you remove it). A typical Windows session is running at least a half a dozen programs at the same time just look at your task bar! The other programs often cause problems with timing. e.g. If your have set up your system to check for EMAIL at regular times, the mail program will often mess up your sound card program running RTTY or PSK31! Windows was not really designed to be a real time multi tasking OS.

Rob

"David Moisan" <dmoisan@shore.net> wrote in message
news:3b207c48.43160248@news.shore.net...
> On Tue, 5 Jun 2001 14:05:08 -0400, "Rob" <Pse@NoEmail.Com> wrote:
> >ms. Even with Microsoft DirectX technology that would be impossible to
> >implement under Windows. You would be lucky to get timing within 20 ms
> >under MS DirectX.
>
> The old HamComm DOS program did AMTOR ARQ with just a bit-banger
> serial port interface. Is the timer resolution better under DOS?
>
> Take care,
>
> Dave
>
> David Moisan, N1KGH, GROL
n1kgh@amsat.org
> Invisible Disability:
http://www1.shore.net/~dmoisan/invisible_disability.html
> GE Superradio FAQ:
http://www1.shore.net/~dmoisan/faqs/superradio/gesr_faq.html
> Sangean ATS-909 FAQ:
http://www1.shore.net/~dmoisan/faqs/sangean/ats909faq.html

1278. New online ACARS Club

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-10 11:00:22 UTC
From: Mark Avey <mark.avey@btinternet.com>
Message-ID: <9fvk8c$a9$1@neptunium.btinternet.com>
Source record: 8316

We've created a new online ACARS club for all those interested in the subject. By joining the group, you can...

* Chat to others with the same interestes (via the Message Board or real time chat)
* Post ACARS/Aviation related events on the group Calendar
* Post your favourite pictures
* Add links to your own web sites

This is not intended to try and replace the excellent ACARS Mailing List. It's been created to give people a more "interactive" on-line experience.

The group is located at http://uk.clubs.yahoo.com/clubs/acarsonline

Cheers,

Mark

http://www.acarsonline.co.uk

1279. Re: RICOHET INTERNET MOBLIE FREQ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-10 21:29:14 UTC
From: nospam.ron.cole@gte.net
Message-ID: <3b23e6eb.28741858@news.gte.net>
Source record: 8317
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.swap

On Tue, 22 May 2001 13:00:38 -0500, "Bill N0MNB" <N0MNB@MINN.NET>
wrote:

>ANYONE KNOW WHAT FREQ THERE ON.
>THANKS BILL
>
>

915Mhz +- 13Mhz Hopping.

1280. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-11 00:55:01 UTC
From: jfenn@lava.net
Message-ID: <9g14t5$27c$1@mochi.lava.net>
Source record: 8318

Dont Forget DIGICOM for the old Commodore series it
was the last software produced for the 8 bit guys.

I still use it for ARMY MARs today.
Joe

****
* Ham KH6JF MARS QCWA WW2 VET WD RADIO *
****

1281. Re: How to receive spread specturm transmissions from cordless phones?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-11 01:53:01 UTC
From: Spurious@StarBand.net
Message-ID: <Xns90BCC9E555D08Frog207Junocom@148.78.248.75>
Source record: 8319
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.spac

>I suppose it is illeagal to monitor ypur own phone system?
>

Is that why you want to monitor spread sprectum phones? Yeah,
suuuuuure! I've got a bridge for you to buy, too.

Ed G.

1282. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-11 02:55:24 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B243312.69E2B74B@att.net>
Source record: 8320

And don't forget the famous TNC64 terminal program for the Commodore 64
produced and sold by the Texas Packet Radio Society back in the mid-80's to
fund the first elements of TexNet.

Don't feel bad if you don't recall it or never heard of it. The only reason
I remember is that I wrote it! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

jfenn@lava.net wrote:
>
> Dont Forget DIGICOM for the old Commodore series it
> was the last software produced for the 8 bit guys.
>
> I still use it for ARMY MARs today.

1283. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-11 03:51:09 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <NeXU6.111063$oc7.7595271@news2.rdc2.tx.home.com>
Source record: 8321

Well...

I think the history of packet excludes everything not AX.25, else
we will start bringing in ASR-33, etc into the history :-)

"George, W5YR" <w5yr@att.net> wrote
> And don't forget the famous TNC64 terminal program for the Commodore 64
> produced and sold by the Texas Packet Radio Society back in the mid-80's to
> fund the first elements of TexNet.
>
> Don't feel bad if you don't recall it or never heard of it. The only reason
> I remember is that I wrote it! <:}
>
> jfenn@lava.net wrote:
> >
> > Dont Forget DIGICOM for the old Commodore series it
> > was the last software produced for the 8 bit guys.
> >
> > I still use it for ARMY MARs today.

1284. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-11 04:20:07 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B2446F7.AD9680E6@amsat.org>
Source record: 8322

Yep. I ran it for all my QSO's with MIR. Worked great.
Jim

1285. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 09:13:51 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9g4mf8hov1@slb2.atl.mindspring.net>
Source record: 8323

Thread:

I don't know the exact dates and names, but by my recollection amateur packet radio originated in Canada...

The first "authorization" for amateur radio packet radio operation was by Canada's Department of Communications, DOC.

The Director General of Radio Regulations at that time was Dr. John DeMercado, who had been a student of Leonard Kleinrock's at UCLA. Dr. John was forward looking with respect to digital radio techniques. Although not a ham at the time he promulgated the new digital radio regulations, I believe that he eventually became a ham himself.

I believe that the first legal packet radio operations by radio amateurs occured in Canada back in the late 1970's and that this preceeded authorization by the FCC and operation by US Amateurs by at least a year or perhaps two or three.

As I recall there were two groups who got this started in Canada, one was in Vancouver, British Columbia, the Vancouver Digital Radio Group??? or something like that... The other was a Montreal, Quebec group.

One or the other of these Canadian groups produced and distributed TNC's and code for a protocol that was similar to and which precdeeded AX.25. I believe that they also played a role in the development of AX.25.

Best contact some Canadian hams, or perhaps the RAC "Radio Amateurs of Canada" for the exact history.

-Peter K1PO

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:Ml2g3tAq6II7EwW7@peaksys.co.uk...
> Can anyone help me with dates for some of the major events in the
> development of the technology of packet radio? Any significant
> developments not mentioned here are omitted because I'm only looking at
> the technology used on the UK network. The dates in brackets are my best
> guesses.
>
> AX25 V1 (1982)
> AX25 V2 spec (1984)
> TNC1 design (1982)
> TNC2 design (1985)
> Netrom (1985)
> First BBS software compatible with modern forwarding protocols (?)
> First use of compressed forwarding

> KISS spec (1986)
> G3RUH modem / any earlier 9k6 modem design (1987)
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk

1286. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 10:05:34 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9g4peg05h3@enews3.newsguy.com>
Source record: 8324

Thanks, Peter! I have heard of the pioneering work done on packet by the Canadians, but never heard much detail until your posting here. Those folks most definately deserve recognition for their accomplishments.

73 DE Charles, N5PVL

"Peter O. Brackett" <ab4bc@ix.netcom.com> wrote in message news:9g4mf8hov1@slb2.atl.mindspring.net...
> Thread:
>
> I don't know the exact dates and names, but by my recollection amateur
> packet radio originated in Canada...
>
> The first "authorization" for amateur radio packet radio operation was by
> Canada's Department of Communications, DOC.
>
> The Director General of Radio Regulations at that time was Dr. John
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> was forward looking with respect to digital radio techniques. Although
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> a ham at the time he promulgated the new digital radio regulations, I
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> I believe that the first legal packet radio operations by radio amateurs
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> authorization by the FCC and operation by US Amateurs by at least a year
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> As I recall there were two groups who got this started in Canada, one was
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> One or the other of these Canadian groups produced and distributed TNC's
and
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> believe that they also played a role in the development of AX.25.
>
> Best contact some Canadian hams, or perhaps the RAC "Radio Amateurs of
> Canada" for the exact history.
>
> -Peter K1PO

1287. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 11:40:02 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <GSTSqUA4+fJ7Ewti@peaksys.co.uk>
Source record: 8325

In article <Ml2g3tAq6II7EwW7@peaksys.co.uk>, Roger Barker
<roger@peaksys.co.uk> writes
>Can anyone help me with dates for some of the major events in the
>development of the technology of packet radio? Any significant
>developments not mentioned here are omitted because I'm only looking at
>the technology used on the UK network. The dates in brackets are my best
>guesses.
Etc...

One or two people have asked me why I asked this question? So -

As some packet users in the UK may be aware, I think that some of the problems of our network result from the mailbox licensing system (NoV) that was introduced in 1987/88 (still not sure which, the RSGB who administer the wretched system, don't seem to know). It is a system that has discouraged development, and has given a much higher priority to regulation than to experimentation.

Virtually no development in the technology of the RF network occurred from around 1985 to 2000, most of the network is still 1200 baud, and we're now increasingly relying on internet forwarding.

I'm not saying the licensing system has caused all the problems, but it certainly hasn't helped. So when one of the long-time supporters of the system said in a packet bulletin that more development in technology had taken place since the system was introduced than before, I just had to gather a few facts...

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1288. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 13:53:29 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ic7mp.691.nomail@linux.pe1chl.ampr.org>
Source record: 8326

Roger Barker <roger@peaksys.co.uk> wrote:
>I'm not saying the licensing system has caused all the problems, but it
>certainly hasn't helped. So when one of the long-time supporters of the
>system said in a packet bulletin that more development in technology had
>taken place since the system was introduced than before, I just had to
>gather a few facts...

Ah, I hoped you would be building a website with some packet history,
that would clearly show the concentration of all development between 1985
and 1990, and the very clear decline in the past decade...

Anyhow, we have a similar licensing system over here, but after a couple
of messups by the licensing authorities, there has been no monitoring (or
at least no reaction) of content, only of use of frequencies different from
those in the BT (similar to your NoV).

So, any HAM can operate a station within the amateur bands at any frequency
he likes, but a station with BT (which formally is required to permit
unattended operation) is only allowed to operate on its planned frequency.

This has lead to unfortunate situations (in the days when activity was
high) where stations with a BT were stuck to their unusable (overcrowded)
frequency and were officially warned when they moved, but other amateurs
who just put something on air and operated it under their own callsign
could use whatever frequency they liked. Even those frequencies that
BT-approved stations could not leave.

It probably was done to avoid packet radio to take up every free space in
the amateur radio bands, but in retrospect it is easy to see how dumb that
decision was. Lots of effort and emotions were wasted on discussing
frequency allocation plans, and many have left the scene, frustrated
about the radio societies bandplanner trying to decide if a certain
frequency would be suitable for operation of a BBS or Node in a part of
the country he has never visited, certainly not on a rainy sunday afternoon.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1289. Re: New online ACARS Club / APRS Air Mobile in FL & SC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 16:31:19 UTC
From: William Dale <william.dale.jr+adanews@lmco.com>
Message-ID: <3B2643D7.6F4ADE8@lmco.com>
Source record: 8328

Mark Avey wrote:
>
> We've created a new online ACARS club for all those interested in the
> subject. By joining the group, you can...

[snip]

> The group is located at http://uk.clubs.yahoo.com/clubs/acarsonline
>
> Cheers,
>
> Mark
>
> http://www.acarsonline.co.uk

I looked through the links and have found NO definition of ACARS? I gather it is a Aviation APRS system? Somebody must have a simple overall explanation? Is it commercial? Can general aviation use it? How?

BTW, did anyone see APRS Aviation Mobile as N2RHV-7 on N8302A flying from Orlando FL, to Hilton Head, SC on June 7 and back on June 8? I received over 101 stations on my PocketAPRS w/ TH-D7a & Garman II system all over FL and East Coast - even got a station via TCPIP from LA!

A little altitude always helps.

William Dale
N2RHV
mailto:n2rhv@arrl.net

1290. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 17:06:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <YZrV6.75457$t12.6211418@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8327

VADCG (Vancouver Amateur Digital Communications Group ?) did a controller
that got quite a bit of use outside Canada. The other work was done in
Montreal.

All my old newsletters from that time period are packed away somewhere.

--

... Hank

http://horedson.home.att.net

"Peter O. Brackett" <ab4bc@ix.netcom.com> wrote in message
news:9g4mf8hov1@slb2.atl.mindspring.net...
> Thread:
>
> I don't know the exact dates and names, but by my recollection amateur
> packet radio originated in Canada...
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> The first "authorization" for amateur radio packet radio operation was by
> Canada's Department of Communications, DOC.
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> The Director General of Radio Regulations at that time was Dr. John
> DeMercado, who had been a student of Leonard Kleinrock's at UCLA. Dr. John
> was forward looking with respect to digital radio techniques. Although not
> a ham at the time he promulgated the new digital radio regulations, I
> believe that he eventually became a ham himself.
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> authorization by the FCC and operation by US Amateurs by at least a year or
> perhaps two or three.
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> Vancouver, British Columbia, the Vancouver Digital Radio Group??? or
> something like that... The other was a Montreal, Quebec group.
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> code for a protocol that was similar to and which precdeeded AX.25. I
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> Best contact some Canadian hams, or perhaps the RAC "Radio Amateurs of
> Canada" for the exact history.
>
> -Peter K1PO
>

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> "Roger Barker" <roger@peaksys.co.uk> wrote in message
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> > First BBS software compatible with modern forwarding protocols (?)
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> > Roger Barker, G4IDE - roger@peaksys.co.uk
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>
>

1291. Icom IC-718 and PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 19:05:56 UTC
From: Bjoern Stokke <bstokke@world-online.no>
Message-ID: <jrpcitgj1fd2mlacssue6rubjtpod9a5eu@4ax.com>
Source record: 8329

Anyone using Icom IC-718 and PSK31?
Of particular interest is the use of narrow filter FL52
in ssb mode?

Bjoern

1292. Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 20:54:38 UTC
From: Paul <gw6ivx@hotmail.com>
Message-ID: <qmvV6.21569$m4.401359@news6-win.server.ntlworld.com>
Source record: 8330

I wonder what the legalites are only I have a friend that has no equipment and is licenced but doesn't know the legal standpoint? I ask this only I know in America you are allowed to send emails on certain systems but I wonder if anyone knew the stanpoint here in the UK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01

1293. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-12 21:07:16 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9g608u$11v$1@nntp9.atl.mindspring.net>
Source record: 8331

Thread:

Back in that era... mid to late 1970's Canada was a pioneer in commercial X.25 packet networking.

Although X.25 was "developed" by the ITU's CCITT led by European PTT's back then and was one of the ITU's X. series of Recommendations, most commercial data communications of that era was conducted over private lines using private line modems and IBM BiSync communications protocols. The X.25 ITU Standardization "push" came from European commercial network operators who wanted to break IBM's hold on commercial data networking.

In this situation the Canadians, both manufacturers, like Northern Telecom and operators like BellCanada which also owned Northern Telecom then, were sort of half way between the USA and Europe. The Canadians [Northern and Bell] thought they saw an opportunity to exploit the X.25 protocols over on this contintent.

Canadians set up some of the earliest, if not the first, commercial common carrier X.25 packet networks. Bell Canada, IP Sharpe and Associates, now Reuters, CNCP Telecommunications, etc... all had commercial X.25 networks in operation before there were any X.25 commercial networks in the USA, e.g. TimeNet, TeleNet, etc...

In that era, Northern Telecom had a big [for that era] commercially successful X.25 packet switch called the SL10, which they successfully sold around the world to many common carrier packet network carriers, for instance Bell Canada, Deutche BundesPost, SAPO, etc... Today they call those things [packet switches] "Routers" and the packet protocol "de jour" is IP not X.25, the Internet is "the network" and Cisco is the king of that business.

So much for being first, eh?

All of this commercial X.25 activity in Canada, coupled with the Canadian Department of Communications interest in promoting Canadian efforts in packet switching, was probably the spur that got the Canadian radio amateurs started early on amateur radio packet switching.

I'll bet some hams from either the Vancouver or Montreal groups were professionally involved with some of the commercial X.25 developments in Canada in that era.

-Peter K1PO

"Hank Oredson" <horedson@att.net> wrote in message news:YZrV6.75457$t12.6211418@bgtnsc05-news.ops.worldnet.att.net...

> VADCG (Vancouver Amateur Digital Communications Group ?) did a controller
> that got quite a bit of use outside Canada. The other work was done in
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> All my old newsletters from that time period are packed away somewhere.
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> --
>
> ... Hank
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> http://horedson.home.att.net
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> >
> > -Peter K1PO
> >
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> >
> >
>
>

1294. gpsk31-0.2.4a question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 01:19:13 UTC
From: Pat Masterson <bat@grumman.com>
Message-ID: <3B26BF90.15185194@grumman.com>
Source record: 8332

I am starting to try psk31 for the first time, and have installed gpsk
on my suse 6.1 system. The program starts OK, and says:
root@suse1 [288]: gpsk31 &
root@suse1 [289]: Using full duplex mode!
*
And the window appears. I have audio from my radio going into the
line-in connector of the SB card. My speakers are in "speaker out" and I
can hear the signals on the band, so I know audio is going into the
card. All the card volume settings are at about 80% up. But, as I tune
the band slowly (14.070 to 14.100), the program never seems to locate a
signal. No waterfall display ever starts, and the dot stays red in the
phase indicator. I must be doing something wrong, but I don't know what
to do. Any ideas? Thanks. -Pat KE2LJ

1295. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 02:38:23 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8333

"Paul" <gw6ivx@hotmail.com> wrote in message
news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
> I wonder what the legalites are only I have a friend that has no equipment
> and is licenced but doesn't know the legal standpoint? I ask this only I
> know in America you are allowed to send emails on certain systems but I
> wonder if anyone knew the stanpoint here in the UK

It is allowed to send email using the internet in the UK.
I get email frequently from folks in the UK, with no problem.

Here we are allowed to send email using ANY mailhost on
the internet, with no restriction at all.

But what does this have to do with Ham Radio ???

--

... Hank

http://horedson.home.att.net

1296. Re: gpsk31-0.2.4a question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 03:04:43 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B26D84B.7ED519B9@amsat.org>
Source record: 8334

Did you check your mixer settings? It's possible you either have line-in
disabled, or the volume slider is down too far.
Jim

1297. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 04:53:41 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <plCV6.178842$oc7.13412166@news2.rdc2.tx.home.com>
Source record: 8335

"Hank Oredson" wrote
>
> But what does this have to do with Ham Radio ???

Why reply then?

1298. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 05:43:04 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <I3DV6.76568$t12.6328173@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8336

"Mr. Conklin" <conklin@westpark.com> wrote in message
news:plCV6.178842$oc7.13412166@news2.rdc2.tx.home.com...
> "Hank Oredson" wrote
> >
> > But what does this have to do with Ham Radio ???
>
> Why reply then?

Because I am curious, thus the question.

--

... Hank

http://horedson.home.att.net

1299. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 09:21:41 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9g7b8d01oh0@enews4.newsguy.com>
Source record: 8337

"Mr. Conklin" <conklin@westpark.com> wrote in message
news:plCV6.178842$oc7.13412166@news2.rdc2.tx.home.com...
> "Hank Oredson" wrote
> >
> > But what does this have to do with Ham Radio ???
>
> Why reply then?

This is an amateur radio newsgroup, Einstein. (Duh!)

Never seen a landline lid yet who could give my pet weenie-dog any competition in the brains department. A real pack of idiots.

Yes, "Mr. Conklin", this includes you. If you are too inbred and ignorant to stay on topic, (and apparently you are) then take a hike. This is a Ham Radio newsgroup.

Charles Brabham, N5PVL

1300. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 09:39:40 UTC
From: Paul <gw6ivx@hotmail.com>
Message-ID: <e9HV6.924$9t5.47350@news6-win.server.ntlworld.com>
Source record: 8338

Let me put it like this then "Do you want to breach your licence
conditions"?!
"Hank Oredson" <horedson@att.net> wrote in message
news:zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net...
>
> "Paul" <gw6ivx@hotmail.com> wrote in message
> news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
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> > know in America you are allowed to send emails on certain systems but I
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> It is allowed to send email using the internet in the UK.
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> Here we are allowed to send email using ANY mailhost on
> the internet, with no restriction at all.
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> But what does this have to do with Ham Radio ???
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> ... Hank
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> http://horedson.home.att.net
>
>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01

1301. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 12:26:23 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <PZIV6.180086$oc7.14048561@news2.rdc2.tx.home.com>
Source record: 8339

I have no clue what your babbling incoherently about.

Time to take your medication boy. See if mommy can get
you a glass of water, and pat your head.

"Charles Brabham" wrote
>
> "Mr. Conklin" wrote
> > "Hank Oredson" wrote
> > >
> > > But what does this have to do with Ham Radio ???
> >
> > Why reply then?
>
> This is an amateur radio newsgroup, Einstein. (Duh!)
>
> Never seen a landline lid yet who could give my pet weenie-dog any
> competition in the brains department. A real pack of idiots.
>
> Yes, "Mr. Conklin", this includes you. If you are too inbred and ignorant to
> stay on topic, (and apparently you are) then take a hike. This is a Ham
> Radio newsgroup.

1302. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 12:55:23 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <%oJV6.77058$t12.6368730@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8340

You need a license to use the internet in the UK ???

--

... Hank

http://horedson.home.att.net

"Paul" <gw6ivx@hotmail.com> wrote in message
news:e9HV6.924$9t5.47350@news6-win.server.ntlworld.com...
> Let me put it like this then "Do you want to breach your licence
> conditions"?!
> "Hank Oredson" <horedson@att.net> wrote in message
> news:zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net...
> >
> > "Paul" <gw6ivx@hotmail.com> wrote in message
> > news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
> > > I wonder what the legalites are only I have a friend that has no
> equipment
> > > and is licenced but doesn't know the legal standpoint? I ask this only I
> > > know in America you are allowed to send emails on certain systems but I
> > > wonder if anyone knew the stanpoint here in the UK
> >
> > It is allowed to send email using the internet in the UK.
> > I get email frequently from folks in the UK, with no problem.
> >
> > Here we are allowed to send email using ANY mailhost on
> > the internet, with no restriction at all.
> >
> > But what does this have to do with Ham Radio ???
> >
> > --
> >
> > ... Hank
> >
> > http://horedson.home.att.net
> >
> >
> >
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01

>
>

1303. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 14:11:33 UTC
From: rmclean@invalid.com
Message-ID: <3B27745B.2B110187@invalid.com>
Source record: 8341

I think he was referring to TCP/IP over packet radio which dose require a amateur license (at least if is a ham band). My 2 Cents de WO5M

Hank Oredson wrote:

> You need a license to use the internet in the UK ???
>
> --
>
> ... Hank
>
> http://horedson.home.att.net
>
> "Paul" <gw6ivx@hotmail.com> wrote in message
> news:e9HV6.924$9t5.47350@news6-win.server.ntlworld.com...
> > Let me put it like this then "Do you want to breach your licence
> > conditions"?!
> > "Hank Oredson" <horedson@att.net> wrote in message
> > news:zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net...
> > >
> > > "Paul" <gw6ivx@hotmail.com> wrote in message
> > > news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
> > > > I wonder what the legalites are only I have a friend that has no
> > equipment
> > > > and is licenced but doesn't know the legal standpoint? I ask this only I
> > > > know in America you are allowed to send emails on certain systems but I
> > > > wonder if anyone knew the stanpoint here in the UK
> > >
> > > It is allowed to send email using the internet in the UK.
> > > I get email frequently from folks in the UK, with no problem.
> > >
> > > Here we are allowed to send email using ANY mailhost on
> > > the internet, with no restriction at all.
> > >
> > > But what does this have to do with Ham Radio ???
> > >
> > > --
> > >
> > > ... Hank
> > >
> > > http://horedson.home.att.net
> > >
> > >
> > >
> >

> >
> > ---
> > Outgoing mail is certified Virus Free.
> > Checked by AVG anti-virus system (http://www.grisoft.com).
> > Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01
> >
> >

--
Randy Mclean
Administrator of Novell, UNIX, NT, Network Security, and/or any thing else that
users break around here(WHY IS THAT???)!

1304. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 15:02:00 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <6FbtvaAbB4J7Ew73@peaksys.co.uk>
Source record: 8342

In article <%oJV6.77058$t12.6368730@bgtnsc05-news.ops.worldnet.att.net>,
Hank Oredson <horedson@att.net> writes
>You need a license to use the internet in the UK ???

They're working on it... ;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1305. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 18:18:16 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ifbj8.k2e.nomail@linux.pe1chl.ampr.org>
Source record: 8343

Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
>In that era, Northern Telecom had a big [for that era] commercially
>successful X.25 packet switch called the SL10, which they successfully sold
>around the world to many common carrier packet network carriers, for
>instance Bell Canada, Deutche BundesPost, SAPO, etc... Today they call
>those things [packet switches] "Routers" and the packet protocol "de jour"
>is IP not X.25, the Internet is "the network" and Cisco is the king of that
>business.

Of course the telecom companies and regularatory bodies still have not
recognized this situation, and keep developing their own standards for a
wide area network (preferably still circuit-oriented), which the de-facto
world-encompassing network uses to transport its datagrams...

>I'll bet some hams from either the Vancouver or Montreal groups were
>professionally involved with some of the commercial X.25 developments in
>Canada in that era.

Yeah that is probably right.
I still have mixed feelings about the decisions they made. HDLC is
a nice framing protocol, but the fact that no existing equipment in
amateur radio shacks is able to generate it should have been a warning...
Later, the situation only became worse. Everyone had computers in the
shack that were perfectly capable of ASYNC communications supported by
hardware UARTs, but for HDLC they needed to use

- an external TNC, or
- an extra board that supported HDLC (SCC card), or
- software that bit-banged the HDLC out of a single bit on an existing
port.

It would have been a lot easier to build a packet station from existing
equipment when ASYNC would have been used on the air instead of HDLC,
with some character-based framing protocol such as SLIP, PPP (which of
course was only defined later), or BSC.

How many times have I thrown multiport RS232 adapters back in the
junkboxes at swapmeets, just because they had 16450/550's instead of
Z8530's...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1306. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 21:24:50 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106132121150.10858-100000@exp.bde-arc.ampr.org>
Source record: 8344

On Wed, 13 Jun 2001, Roger Barker wrote:
> In article <%oJV6.77058$t12.6368730@bgtnsc05-news.ops.worldnet.att.net>,
> Hank Oredson <horedson@att.net> writes
> >You need a license to use the internet in the UK ???
>
> They're working on it... ;-)

Considering that they need licenses for TV's too, it wouldn't surprise me if that were actually meant to be a TRUE statement and not a joke. Technically, even computers with a television reception/capture card need the TV license.

1307. Inside rig...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 22:06:52 UTC
From: Leigh Pilkington <Nitrate@btinternet.com>
Message-ID: <9g8o4fqne1@uranium.btinternet.com>
Source record: 8345

Hi,
does anyone have a picture of the top PCB of the Yaesu 730R, showing the wires going into the plug on the PCB from the display board, or any info that will help me to wire the display board back up???

TnXs
Mad,P

P.S
I have created a digital network over the 27Mhz C.B band, and i wondered if anyone could explain why when the sun goes down, the signal gets worse instead of better as i would expect, resulting in large packet loss.....
strange eh???

1308. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 22:31:48 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ifqek.n4t.nomail@linux.pe1chl.ampr.org>
Source record: 8346

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>On Wed, 13 Jun 2001, Roger Barker wrote:
>> In article <%oJV6.77058$t12.6368730@bgtnsc05-news.ops.worldnet.att.net>,
>> Hank Oredson <horedson@att.net> writes
>> >You need a license to use the internet in the UK ???
>>
>> They're working on it... ;-)

>Considering that they need licenses for TV's too, it wouldn't surprise me if
>that were actually meant to be a TRUE statement and not a joke. Technically,
>even computers with a television reception/capture card need the TV license.

Of course they do. The license is meant to be a way to finance the public
TV network, and it does not matter whether you view it on a dedicated TV or
on your computer with special hardware...

We used to have this licensing in the Netherlands as well, but it was
abandoned last year, as it is now assumed that *everyone* has a TV and the
public TV network can thus be financed out of general taxes.
A similar system (with a lower fee) was used for radio.

With the "internet license", they would probably finance the public
(government) Internet sites. That would not be so bad, because now they
are financed by Microsoft, who have made sure that only people using
Microsoft's browser on a system with a Microsoft operating system will
be able to access them.

Once in a while, some government control is good to have. Especially when
it is not from a government that thinks that short-term local economic
benefits should prevail over long-term worldwide environmental problems.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1309. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 23:00:53 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9g8r9u$6n1$1@slb1.atl.mindspring.net>
Source record: 8347

Rob:

I hear you.

We could have had something much better than AX.25 as well, if more foresight had been put into it.

But I am hesitant to criticize.

Hindsight is 20:20 as they say.

Those early amateur packet radio folk ran with what they knew and what they could pick up for free and they got lot's of folks involved in packet and digital radio, who probably otherwise would still be analog folks..

-Peter K1PO

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn9ifbj8.k2e.nomail@linux.pe1chl.ampr.org...
> Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
> >In that era, Northern Telecom had a big [for that era] commercially
> >successful X.25 packet switch called the SL10, which they successfully sold
> >around the world to many common carrier packet network carriers, for
> >instance Bell Canada, Deutche BundesPost, SAPO, etc... Today they call
> >those things [packet switches] "Routers" and the packet protocol "de jour"
> >is IP not X.25, the Internet is "the network" and Cisco is the king of that
> >business.
>
> Of course the telecom companies and regularatory bodies still have not
> recognized this situation, and keep developing their own standards for a
> wide area network (preferably still circuit-oriented), which the de-facto
> world-encompassing network uses to transport its datagrams...
>
> >I'll bet some hams from either the Vancouver or Montreal groups were
> >professionally involved with some of the commercial X.25 developments in
> >Canada in that era.
>
> Yeah that is probably right.
> I still have mixed feelings about the decisions they made. HDLC is
> a nice framing protocol, but the fact that no existing equipment in
> amateur radio shacks is able to generate it should have been a warning...
> Later, the situation only became worse. Everyone had computers in the
> shack that were perfectly capable of ASYNC communications supported by

> hardware UARTs, but for HDLC they needed to use
>
> - an external TNC, or
> - an extra board that supported HDLC (SCC card), or
> - software that bit-banged the HDLC out of a single bit on an existing
> port.
>
> It would have been a lot easier to build a packet station from existing
> equipment when ASYNC would have been used on the air instead of HDLC,
> with some character-based framing protocol such as SLIP, PPP (which of
> course was only defined later), or BSC.
>
> How many times have I thrown multiport RS232 adapters back in the
> junkboxes at swapmeets, just because they had 16450/550's instead of
> Z8530's...
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

1310. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-13 23:02:56 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <xijfmgA5E$J7EwpW@peaksys.co.uk>
Source record: 8348

In article <Pine.LNX.4.10.10106132121150.10858-100000@exp.bde-
arc.ampr.org>, D. Stussy <kd6lvw@bde-arc.ampr.org> writes
>On Wed, 13 Jun 2001, Roger Barker wrote:
>> In article <%oJV6.77058$t12.6368730@bgtnsc05-news.ops.worldnet.att.net>,
>> Hank Oredson <horedson@att.net> writes
>> >You need a license to use the internet in the UK ???
>>
>> They're working on it... ;-)
>
>Considering that they need licenses for TV's too, it wouldn't surprise me if
>that were actually meant to be a TRUE statement and not a joke.

You mean there are places in the world where you don't need a TV
licence?! ;-)

Our dear old BBC is still a public broadcast service, and it is financed
out of the TV licence fee. It's not as crazy as it might seem, because
it gives the BBC a level of perceived independence that wouldn't be
there if it was financed out of general taxation.

> Technically,
>even computers with a television reception/capture card need the TV license.

It's one licence per household, so you would only need a licence for a
PC TV card if it was the only TV in the house.

As regards the internet, I think we'll probably see more attempted
government intervention over the next few years, but hopefully that
won't go as far as making us have a licence!

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1311. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 04:09:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <LNWV6.80919$4f7.6403914@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8349

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ifbj8.k2e.nomail@linux.pe1chl.ampr.org...
> Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
> >In that era, Northern Telecom had a big [for that era] commercially
> >successful X.25 packet switch called the SL10, which they successfully sold
> >around the world to many common carrier packet network carriers, for
> >instance Bell Canada, Deutche BundesPost, SAPO, etc... Today they call
> >those things [packet switches] "Routers" and the packet protocol "de jour"
> >is IP not X.25, the Internet is "the network" and Cisco is the king of that
> >business.
>
> Of course the telecom companies and regularatory bodies still have not
> recognized this situation, and keep developing their own standards for a
> wide area network (preferably still circuit-oriented), which the de-facto
> world-encompassing network uses to transport its datagrams...
>
> >I'll bet some hams from either the Vancouver or Montreal groups were
> >professionally involved with some of the commercial X.25 developments in
> >Canada in that era.
>
> Yeah that is probably right.
> I still have mixed feelings about the decisions they made. HDLC is
> a nice framing protocol, but the fact that no existing equipment in
> amateur radio shacks is able to generate it should have been a warning...
> Later, the situation only became worse. Everyone had computers in the
> shack that were perfectly capable of ASYNC communications supported by
> hardware UARTs, but for HDLC they needed to use
>
> - an external TNC, or
> - an extra board that supported HDLC (SCC card), or
> - software that bit-banged the HDLC out of a single bit on an existing
> port.
>
> It would have been a lot easier to build a packet station from existing
> equipment when ASYNC would have been used on the air instead of HDLC,
> with some character-based framing protocol such as SLIP, PPP (which of
> course was only defined later), or BSC.
>
> How many times have I thrown multiport RS232 adapters back in the
> junkboxes at swapmeets, just because they had 16450/550's instead of
> Z8530's...

Another possibly interesting data point.

During 1978 and 1979 several of us in the midwest were looking at using 2M for moderate haul data transmission. We looked at several variations of existing LL BBS protocols, and thought that something similar might be useful. I suspect we would have settled on exactly what you suggest: some 8 bit ARQ type protocol using ASYNC framing, perhaps derived from XMODEM. By the time I was able to get back to this project (in late 1982), it was clear HDLC was going to be what was used (smile).

--

... Hank

http://horedson.home.att.net

1312. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 04:15:51 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <XTWV6.80925$4f7.6404593@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8350

"Howard Goldstein" <hgoldste@mpcs.com> wrote in message
news:992443933.8347@news.queue.to...
> On Fri, 08 Jun 2001 22:05:23 GMT, Hank Oredson <horedson@att.net> wrote:
> :
> : "Howard Goldstein" <hgoldste@mpcs.com> wrote in message
> : news:992013353.28633@news.queue.to...
> : > Significant bits of the firwmare were stolen from the 820-based FadPAD
> : > stuff which predates tnc2 by about a year....
> :
> : Interesting side note: one of the original TNC2 Alpha cards (with a bunch
> : of blue wires on circuit board) is still on air here in Oregon.

It is actually in Washington state, just across the river, up on a mountain.
There is some possibility it has been replaced by an MFJ clone recently,
since I remember some mention of reliability and the cost of Snow Cat time.
So it may now be at a lower site in the same general area.

> Lucky! Most of my blue wires - and the breadboard that attached a
> bunch of them to ISTR it was something modem related - were torn off
> in moving anomolies about two house moves ago. Paul Newland (AD7I)
> did the lion's share of the hardware design on that board (with
> substantial contributions of many TNC-1 folks' modem stuff, and Skip's
> highly cool eprom-based nrzi decoder). IMO it speaks volumes for his
> work that nearly 15 years later the stuff is still knocked out on
> factory floors.
>
> : Wonder if any 820 stuff is still on air?
> : There was the FadPAD, a "dual port digipeater", and BBS code for it.
> : Probably more as well (?)
> :
> : Last BBS I know of using that machine shut down about 4 years ago.
> : It was in New Zealand, but I have forgotten the callsign.
>
> There lay dedicated hams in NZ. I really had to baby my setup. Many
> 2AM trips to the digi-on-the-landfill with scope in tow to debug the
> 820+fadpad. On one memorable oh dark hundred trip to recover a locked
> up 820 the landfill caretakers were found butchering up a rustled cow
> right next to the shed with the digi. The digi maintainer was most
> concerned about his person not being the next thing hung on said
> caretaker's meathooks.
>
> Wonder what other interesting tall sites folks have managed to talk
> their old packet stuff onto?

I have one TNC1 (in the Gucci cabinet) left. Has KISS EPROMS
in it and still works. Also have the 300 baud header for it. Might be
fun to put it on air on HF ... or maybe sell it on eBay as "Packet
Radio memoribilia."

--

... Hank

http://horedson.home.att.net

1313. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 04:16:48 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <QUWV6.80927$4f7.6403951@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8351

The subject says "via the ineternet" ... and I did not doubt
that he meant what he wrote.

--

... Hank

http://horedson.home.att.net

<rmclean@invalid.com> wrote in message news:3B27745B.2B110187@invalid.com...
> I think he was referring to TCP/IP over packet radio which dose require a
amateur
> license (at least if is a ham band). My 2 Cents de WO5M
>
> Hank Oredson wrote:
>
> > You need a license to use the internet in the UK ???
> >
> > --
> >
> > ... Hank
> >
> > http://horedson.home.att.net
> >
> > "Paul" <gw6ivx@hotmail.com> wrote in message
> > news:e9HV6.924$9t5.47350@news6-win.server.ntlworld.com...
> > > Let me put it like this then "Do you want to breach your licence
> > > conditions"?!
> > > "Hank Oredson" <horedson@att.net> wrote in message
> > > news:zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net...
> > > >
> > > > "Paul" <gw6ivx@hotmail.com> wrote in message
> > > > news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
> > > > > I wonder what the legalites are only I have a friend that has no
> > > equipment
> > > > > and is licenced but doesn't know the legal standpoint? I ask this
only I
> > > > > know in America you are allowed to send emails on certain systems but
I
> > > > > wonder if anyone knew the stanpoint here in the UK
> > > >
> > > > It is allowed to send email using the internet in the UK.
> > > > I get email frequently from folks in the UK, with no problem.
> > > >
> > > > Here we are allowed to send email using ANY mailhost on

> > > > the internet, with no restriction at all.
> > > >
> > > > But what does this have to do with Ham Radio ???
> > > >
> > > > --
> > > >
> > > > ... Hank
> > > >
> > > > http://horedson.home.att.net
> > > >
> > > >
> > > >
> > >
> > >
> > > ---
> > > Outgoing mail is certified Virus Free.
> > > Checked by AVG anti-virus system (http://www.grisoft.com).
> > > Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01
> > >
> > >
>
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing else
that
> users break around here(WHY IS THAT???)!
>
>

1314. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 05:35:06 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106140533410.11600-100000@exp.bde-arc.ampr.org>
Source record: 8352

```
On Thu, 14 Jun 2001, Hank Oredson wrote:
> ....
> I have one TNC1 (in the Gucci cabinet) left. Has KISS EPROMS
> in it and still works. Also have the 300 baud header for it. Might be
> fun to put it on air on HF ... or maybe sell it on eBay as "Packet
> Radio memoribilia."
^^^^^^^^^^

So, is that the new name for [overpriced] junk? ;-)

[By mentioning eBay, you opened that can of worms....]
```

1315. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 07:08:49 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9igoo1.qbe.nomail@linux.pe1chl.ampr.org>
Source record: 8353

Roger Barker <roger@peaksys.co.uk> wrote:
>Our dear old BBC is still a public broadcast service, and it is financed
>out of the TV licence fee. It's not as crazy as it might seem, because
>it gives the BBC a level of perceived independence that wouldn't be
>there if it was financed out of general taxation.

Do you think that makes much of a difference? This licensing scheme was
(I think) invented in the fifties, when it would have been perceived unfair
to tax everyone for the TV broadcast service where only the happy few would
be able to watch it. Now, a TV set is considered to be standard equipment
in any household (at least in any household where general taxes are being
paid), so that aspect is no longer valid.

The independence, IMHO, mainly stems from the fact that it is funded by a
means independent from the number of people watching the programme, or the
composition of that group. So, they can transmit generally informative
material, culture, education, opinion etc without having to consider
advertising income.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1316. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 07:48:27 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <1hogit4g76t6abav3tdr3og424tkcmnivj@4ax.com>
Source record: 8354

On 13 Jun 2001 18:18:16 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>I still have mixed feelings about the decisions they made. HDLC is
>a nice framing protocol, but the fact that no existing equipment in
>amateur radio shacks is able to generate it should have been a warning...

In the late 1970's and early 80's, most hobby computers did _not_ contain a hardware UART and in many hobby computer the only "serial" interface was the cassette tape mass storage interface using Kansas City or similar coding. In those days, there were very few serial devices a hobbyist could connect to their computers, possibly a surplus serial printer, but that was all.

In many cases if you had some kind of serial interface, it was often implemented in software driving some I/O pin, since UARTs were quite expensive in those days. Implementing a software interface as asynch or synch was not a big deal.

>Later, the situation only became worse. Everyone had computers in the
>shack that were perfectly capable of ASYNC communications supported by
>hardware UARTs, but for HDLC they needed to use

This was the situation around 1990.

While agree that asynch would have been nice for initial experiments, but the capacity is severely limited with band limited channels. In asynch communication, it is essential that mark->space transition in the start bit is received faithfully, since this determines the timing for the whole character. In band limited channels and especially in radio transceivers intended for voice communication, the amplitude and phase response could be almost anything, messing up the critical start bit transition.

In the late 1970's, leased line modems and base band modems could be used with at least the double speed in synch mode compared to asynch mode. Remember this is long before they put equalisers into modems.

A synch link on the other hand has several transitions at the beginning of the frame in order to be able to determine the actual phase of the bit timing, thus averaging out most bit phase timing errors. After that it was only a question of long term clock frequency stability in order to maintain bit synch until the end of the frame, not too hard even for a 100 ppm crystal oscillator.

If asynch had been initially been used, it would have hit the same 1200 bit/s (or possibly already at 600 bit/s) barrier, which is due to

the performance of most unmodified voice grade radios. When surplus voice grade radios become available, you could dedicate one for packet.

In order for any high speed packet system to be popular would have required that off the shelf radios that are capable of such speeds would have been generally available at prices of typical single band HTs or preferably in similar prices as surplus voice grade radios.

The Kenwood mobile and HT radios with build in TNC are moving in the right direction, but unfortunately, they were introduced a decade too late. At least for mobile radios with unlimited power consumption, this could have been implemented a decade ago.

Paul OH3LWR

1317. Repeater Linking via the Net

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 09:27:54 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-B58280.05275414062001@enews.newsguy.com>
Source record: 8356

What role could packet radio play in the new era of
repeater linking via the net?

--
John Seney
http://www.qsl.net/wd1v
Scope & Jitter Measurements FAQ

1318. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 09:52:09 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ih2a9.qbe.nomail@linux.pe1chl.ampr.org>
Source record: 8355

Paul Keinanen <keinanen@sci.fi> wrote:
>>I still have mixed feelings about the decisions they made. HDLC is
>>a nice framing protocol, but the fact that no existing equipment in
>>amateur radio shacks is able to generate it should have been a warning...

>In the late 1970's and early 80's, most hobby computers did _not_
>contain a hardware UART and in many hobby computer the only "serial"
>interface was the cassette tape mass storage interface using Kansas
>City or similar coding. In those days, there were very few serial
>devices a hobbyist could connect to their computers, possibly a
>surplus serial printer, but that was all.

>In many cases if you had some kind of serial interface, it was often
>implemented in software driving some I/O pin, since UARTs were quite
>expensive in those days. Implementing a software interface as asynch
>or synch was not a big deal.

I know, I had a computer in 1980 and indeed it did not have a UART. The
UART was available at an extra-cost option (for which you first needed
to buy an expansion cabinet). And the UART was not even able to generate
interrupts...

But apparently it was decided that the interface between the TNC and
the computer had to be ASYNC serial. The first TNC had an expensive
HDLC controller, the TNC2 used two channels of a multimode controller
that could do ASYNC and HDLC.

So, even if the system itself did not have a UART (and the original TNC
design probably envisioned the use of a teletype or dumb glass terminal
as a user interface), the radio side still is independent from that...

>While agree that asynch would have been nice for initial experiments,
>but the capacity is severely limited with band limited channels. In
>asynch communication, it is essential that mark->space transition in
>the start bit is received faithfully, since this determines the timing
>for the whole character. In band limited channels and especially in
>radio transceivers intended for voice communication, the amplitude and
>phase response could be almost anything, messing up the critical start
>bit transition.

This would have been a problem and limitation with the first generation
modems that did not demodulate synchronously with the bitrate. But
the later higher-speed modems usually do. E.g. the widespread G3RUH
modem does recovery of the bit clock, and clocks the data at the sampling
moment. It even provides the receive bit clock, but this information
is usually discarded and the receive clock is again recovered by the

HDLC interface.
In fact the original TNC2 clock recovery circuit (the EPROM state machine)
is a DPLL that looks at multiple bit transitions. This same circuit
could be used to clock a D-FF that would provide a cleanly timed async
signal similar to the situation with HDLC.
(and again, the async interface would discard the clock information and
re-generate its sampling clock from the data, just as with the combination
of a G3RUH modem and a TNC...)

Of course, the 20%+ loss of bitrate because of start/stop bits and framing
protocol overhead would be a disadvantage of ASYNC.

>If asynch had been initially been used, it would have hit the same
>1200 bit/s (or possibly already at 600 bit/s) barrier, which is due to
>the performance of most unmodified voice grade radios. When surplus
>voice grade radios become available, you could dedicate one for
>packet.

I think that when ASYNC would have been the initial air framing format,
it would have been a logical step later to use it as a framing format
between system and modem that is not necessarily used 1:1 on the air.
E.g. to use FEC one would ship the async frame to an external controller
that reads the data and transforms it into a frame that includes FEC
information before sending it to the modulator.
Now that it already is so difficult to obtain HDLC from the system,
most designers will not consider putting a system-side HDLC interface
on their modem that just decodes the frames and starts from scratch
just for the purpose of modulation.

Of course we DO have an ASYNC frame format. KISS. Too bad that it
was forgotten to include a CRC so that it would be equivalent to HDLC
when exchanging data over the air... in that case we might have seen
stations directly transmitting KISS and comparing the two in a real
life situation?

>In order for any high speed packet system to be popular would have
>required that off the shelf radios that are capable of such speeds
>would have been generally available at prices of typical single band
>HTs or preferably in similar prices as surplus voice grade radios.

Yes, and even when that was the case it would have been required that
these would interface to the typical computer in a ham shack. Maybe
a DSY modem with ASYNC interface, that simply attached to a COM port,
would have had a better chance of acceptation than the existing unit
that requires the use of some exotic "high speed" TNC or special SCC
card to generate the HDLC datastream.

Today's computers cannot use the "old-fashioned" ISA SCC cards anymore.
Nobody wants to spend the effort (as a hobby) or money (commercially)
to design a new PCI-based SCC card. And even then, how long will the
PCI bus last? In the meantime, every PC still has two unused COM ports
on the back. We can connect it to a slow Z-80 based TNC2 designed over

15 years ago, that only is a nuisance because it messes up the timing,
has badly designed hostmode interface protocols, and limits the datarate
by its slow performance. Or we can use the soundcard and do everything
in software. Not too many attractive options there...

When that part of the chain is already so weak, small wonder that so
few "fast" radio solutions exist. Even when a faster modem+radio is
designed, it is too difficult to use it for AX.25 packet.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1319. Re: Repeater Linking via the Net

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 11:05:52 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <kU0W6.249026$oc7.16722190@news2.rdc2.tx.home.com>
Source record: 8357

In a list of digital modes (this is a digital group), packet radio
is at the bottom, as a mode that gets much use any more.

If you're talking about cross-town, then no, there are easier
methods. If you are talking about across the state, then no,
the speed you can afford is too slow.

"John Seney" wrote
> What role could packet radio play in the new era of
> repeater linking via the net?

1320. Re: Repeater Linking via the Net

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 11:09:06 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <TkL3nKAWsJK7EwUA@peaksys.co.uk>
Source record: 8358

In article <wd1v-B58280.05275414062001@enews.newsguy.com>, John Seney
<wd1v@mediaone.net> writes
>What role could packet radio play in the new era of
>repeater linking via the net?

How about sending packet via the internet voice repeaters, and so
avoiding a direct wire link?

(I knew that one day someone would find a use for them! ;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1321. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 11:16:31 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <j21W6.250113$oc7.16733557@news2.rdc2.tx.home.com>
Source record: 8359

I had an S-100 based machine in 1979 that had a UART.
It was part of a combo card to do serial and cassette.
Made by Technical Design Labs (TDL). They also had
a great TDL Macro Assembler and Basic on tape. I ran
that to a serial printer that worked backwards (the letters
were behind the paper, and the hammer was blank and
hit the front of the paper). So with 2 UART ports I could
run an ADM-3 and the printer.

I wrote a complete word processor back then, as well as
household finance type stuff.

Probably over $2k invested over a years time.

Hell of a machine! glad to throw it in the dumpster when
the Atari 800 came out. Ported all the S-100 software
over. Took a long time to load all that crap with a cassette...
40 characters per line was not much worse than the ADM-3's
ugly 80 columns.

"Rob Janssen" <nomail@rob.knoware.nl> wrote
> >In many cases if you had some kind of serial interface, it was often
> >implemented in software driving some I/O pin, since UARTs were quite
> >expensive in those days. Implementing a software interface as asynch
> >or synch was not a big deal.
>
> I know, I had a computer in 1980 and indeed it did not have a UART. The
> UART was available at an extra-cost option (for which you first needed
> to buy an expansion cabinet). And the UART was not even able to generate
> interrupts...

1322. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 13:45:41 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B28C005.3C595219@preferred.com>
Source record: 8360

Actually it says "Telneting via internet to amateur radio band", the key word being "to". So going from remote location via the internet to a server that takes internet side to a radio interface to, say have the telnet typing go out PSK31 and from the radio side to the telnet. In essance, remote operation. So, either the telnet'er is a licensed ham, or it's third party and must be monitored by the stations CONTROL operator for transmitting operations.

Hank Oredson wrote:
>
> The subject says "via the ineternet" ... and I did not doubt
> that he meant what he wrote.
>
> --
>
> ... Hank
>
> http://horedson.home.att.net
>
> <rmclean@invalid.com> wrote in message news:3B27745B.2B110187@invalid.com...
> > I think he was referring to TCP/IP over packet radio which dose require a
> amateur
> > license (at least if is a ham band). My 2 Cents de WO5M
> >
> > Hank Oredson wrote:
> >
> > > You need a license to use the internet in the UK ???
> > >
> > > --
> > >
> > > ... Hank
> > >
> > > http://horedson.home.att.net
> > >
> > > "Paul" <gw6ivx@hotmail.com> wrote in message
> > > news:e9HV6.924$9t5.47350@news6-win.server.ntlworld.com...
> > > > Let me put it like this then "Do you want to breach your licence
> > > > conditions"?!
> > > > "Hank Oredson" <horedson@att.net> wrote in message
> > > > news:zmAV6.76306$t12.6293075@bgtnsc05-news.ops.worldnet.att.net...
> > > > >
> > > > > "Paul" <gw6ivx@hotmail.com> wrote in message
> > > > > news:qmvV6.21569$m4.401359@news6-win.server.ntlworld.com...
> > > > > > I wonder what the legalites are only I have a friend that has no

> > > > equipment
> > > > > > and is licenced but doesn't know the legal standpoint? I ask this
> only I
> > > > > > know in America you are allowed to send emails on certain systems but
> I
> > > > > > wonder if anyone knew the stanpoint here in the UK
> > > > >
> > > > > It is allowed to send email using the internet in the UK.
> > > > > I get email frequently from folks in the UK, with no problem.
> > > > >
> > > > > Here we are allowed to send email using ANY mailhost on
> > > > > the internet, with no restriction at all.
> > > > >
> > > > > But what does this have to do with Ham Radio ???
> > > > >
> > > > > --
> > > > >
> > > > > ... Hank
> > > > >
> > > > > http://horedson.home.att.net
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > ---
> > > > Outgoing mail is certified Virus Free.
> > > > Checked by AVG anti-virus system (http://www.grisoft.com).
> > > > Version: 6.0.261 / Virus Database: 131 - Release Date: 06/06/01
> > > >
> > > >
> > >
> > > --
> > > Randy Mclean
> > > Administrator of Novell, UNIX, NT, Network Security, and/or any thing else
> that
> > > users break around here(WHY IS THAT???)!
> > >
> > >

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1323. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 19:40:28 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20010614.194028.73@lightfox.demon.co.uk>
Source record: 8361

In article <Pine.LNX.4.10.10106132121150.10858-100000@exp.bde-arc.ampr.org>,
kd6lvw@bde-arc.ampr.org ("D. Stussy") wrote:

> > >You need a license to use the internet in the UK ???

> > They're working on it... ;-)

> Considering that they need licenses for TV's too, it wouldn't surprise me if
> that were actually meant to be a TRUE statement and not a joke.

It wasn't all that long ago that we needed a licence for a DOG !

73, G.

1324. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-14 23:07:54 UTC
From: Ross <rwa@gateway.bogons>
Message-ID: <87lmmulkxh.fsf@gateway.bogons>
Source record: 8362

Paul Keinanen <keinanen@sci.fi> writes:

Paul OH3LWR writes:

[snip]
> In the late 1970's and early 80's, most hobby computers did _not_
> contain a hardware UART and in many hobby computer the only "serial"
> interface was the cassette tape mass storage interface using Kansas
> City or similar coding. In those days, there were very few serial
> devices a hobbyist could connect to their computers, possibly a
> surplus serial printer, but that was all.
[snip]

Hmmm, guess my Heathkit H89, with its four 8250 UARTs (used to talk
with the monitor, modem, and printer, amongst other things) was an
abberation - ditto my KayPro II, which had a complement of Zilog SCCs.

Dates: 1979, 1982. I've still got the KayPro.

regards,
Ross, ve6pdq

ps: I hold a Canadian "digital amateur" ticket, FWTW. It was a fun
thing to get.

rwa

1325. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-15 06:37:52 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10106150637160.13832-100000@exp.bde-arc.ampr.org>
Source record: 8363

On Thu, 14 Jun 2001, Gareth Rowlands wrote:
> In article <Pine.LNX.4.10.10106132121150.10858-100000@exp.bde-arc.ampr.org>,
> kd6lvw@bde-arc.ampr.org ("D. Stussy") wrote:
>
> > > >You need a license to use the internet in the UK ???
>
> > > They're working on it... ;-)
>
> > Considering that they need licenses for TV's too, it wouldn't surprise me if
> > that were actually meant to be a TRUE statement and not a joke.
>
> It wasn't all that long ago that we needed a licence for a DOG !

In many places in the States, dog licenses are still required. In some areas,
certain breeds of dogs ("pit bulls" and such) are becomming illegal.

1326. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-15 07:33:52 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ijej0.5o3.nomail@linux.pe1chl.ampr.org>
Source record: 8364

Mr. Conklin <conklin@westpark.com> wrote:
>I had an S-100 based machine in 1979 that had a UART.
>It was part of a combo card to do serial and cassette.
>Made by Technical Design Labs (TDL). They also had
>a great TDL Macro Assembler and Basic on tape. I ran
>that to a serial printer that worked backwards (the letters
>were behind the paper, and the hammer was blank and
>hit the front of the paper). So with 2 UART ports I could
>run an ADM-3 and the printer.

You are right, machines like that usually had one or more UARTs.
In those days I drooled over the brochures but I would never be able to
afford a system like that.

The "home computers" of those days (Apple][, Commodore PET, TRS-80)
did not have a UART. Apple used bitbanging (they did everything in
software even the floppy controller but they still charged most for
their hardware....), Commodore had a universal IO chip but I think it
was only a serial shift register, not a UART, and it was used for their
proprietary interface bus.
The TRS-80 (I had one) could be fitted with a UART but only after you
bought an expansion interface. I built my expansion interface, including
UART, myself (on prototype board).

Those were the big three of home computers. There were also others,
like OSI. They apparently were a fan of the UART and even used one
in their floppy controller :-)
(believe it or not, they wrote ASYNC data on the floppy tracks)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1327. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-15 08:50:13 UTC
From: Ross <rwa@gateway.bogons>
Message-ID: <87lmmui0u2.fsf@gateway.bogons>
Source record: 8365

nomail@rob.knoware.nl (Rob Janssen) writes:
> Those were the big three of home computers. There were also others,
> like OSI. They apparently were a fan of the UART and even used one
> in their floppy controller :-)
> (believe it or not, they wrote ASYNC data on the floppy tracks)

Heathkit used a USRT in just the same way; a Signetics 2601, AFAIR.

regards,
Ross ve6pdq

1328. Re: SkySweeper software package

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-15 09:19:06 UTC
From: Martin <mab@delete-this.capita.nildram.co.uk>
Message-ID: <tijkqsmjrm6318@corp.supernews.co.uk>
Source record: 8366

I have used the evaluation copy a lot and quite liked it. In fact, I was very close to purchasing it till I tried MixW. However, having tried the recent RCs of that package, I am not so sure... SkySweeper is certainly very configurable, but I have found that MixW almost always does as good a job and even seems to be a bit better at decoding some very weak signals. The main advantage of SkySweeper seems to be the audio DSP features which can help pull out weak voice signals.

Get the demos of both and try them - MixW is not free either, but it is a bit cheaper than SkySweeper and, for most people, I would guess that its extra features would be pretty convincing

Martin

Leland S. Van Koten <vankoten@home.com> wrote in message news:TzPM6.2451$G5.630663@news1.rdc1.md.home.com...
> Is anyone familiar with this product? From their web site, it sounds like
> it probably has more versatility than anything else out there, but it
> certainly isn't cheap, and I can't locate any reviews of it (although I have
> sent them an email asking for references).
>
> I have no experience using the digital modes with a sound card, and the only
> time I operated the digital modes was a number of years ago with an MFJ
> Multi-mode unit that got fried in a lightning strike and was never replaced.
> I certainly hear a lot of what sounds like PSK on the bands, and the
> prospect of software that could function both to operate in the digital
> modes and to enhance reception through DSP is an attractive one -- if it
> works.
>
> Thanks.
>
> Lee, KE3FB
>
>

1329. Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-15 09:28:30 UTC
From: Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de>
Message-ID: <3B29D53D.5F1@e-technik.tu-chemnitz.de>
Source record: 8367

Hello,

I have installed the nice looking program EZSSTV. It works pretty
fine, but only for some minutes. Then the program crashs and I get
the DOS message "ILLEGAL INTERRUPT #6" with register dump. Sometimes
it crashs immediately after starting it.
I changed the mouse driver and some other things in the config.sys /
autoexec.bat - no success.
Amazingly EZSSTV seems to work stable in the very crude 640x480x16
mode - I'm using the univesa driver with the TVGA8900 card.
The comparator modem hooks on COM1, the mouse on COM2.

I hope someone out there can help me ...

Kay (DM2KL)

1330. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 00:11:32 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <4m8lit8g7nb3b956u6jppiksdtc11f2648@4ax.com>
Source record: 8368
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card + interconnecting cable. All in excellent condition. $300 shipped to lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above items + cables. In excellent condition. Includes extra crystal for use on 218-219 MHz fixed link band segment. $150 shipped with purchase of GRAPES modem; will not sell separately until modem is sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work) or email to ZZZjim_cronin@juno.comZZZ

73,
Jim
N2VNO

1331. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 00:12:33 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <039litgbg153mkp2inatu680jdkukoi7fn@4ax.com>
Source record: 8369
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1332. MixW version 2.0 RC7 now available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 10:50:37 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9gff46$45o$2@bob.news.rcn.net>
Source record: 8370

Hi there fellow warblers... MixW version 2.0 RC7 has now been uploaded to
our website which is:
http://www.nvbb.net/~jaffejim/mixwpage.htm the following changes and updates
have been made:
- Expiration date (for unregistered users) is July 1, 2001.
Added:
- Added CWR and FSKR transceiver modes to drop-down mode menu.
- Added <SPZOOM:n> (n=0.5,1,2,3 or 4) to set spectrum/waterfall zoom.
- Spectrum/waterfall shift position is now saved (and restored :-).
- Added <INV>, <INVON> and <INVOFF> macros to quickly change inversion.
- 8-bit encoding in MT63 mode is added (see MT63 settings dialog),
- Contest Settings: added Check Dupes regardless of Band or Mode
check-boxes.
- <LASTCALL> macro (not in list), unlike <GRABCALL> captures last call
appeared on the RX screen.
- CW weight correction (in 1ms intervals) to compensate CAT CW delay.
(+1 to add 1ms delay, -1 to subtract 1ms, and so on.) See CW settings
dialog.
Bugs fixed:
- Auto Search Log name and QTH bug is fixed.
- AFC in MFSK in full duplex mode stopped.
- <ALIGN:nnn> on LSB bug is fixed.
- Several contest bugs are fixed, but contest mode is to be re-written.
For those of you who are not familiar with MixW 2.0.. MixW 2.0 is the
Shareware version of our very popular FREEWARE DigiPan and employs the same
easy pulldown menus and easy to read illustrated Help files and easy setup.
Unlike DigiPan Mixw is able to do ALL digital modes such as RTTY, CW, PACKET
VHF /HF, Pactor RX, Amtor RX, Pactor FEC TX/RX, Amtor FEC TX/RX. PSK, QPSK,
FSK31 MT63, MFSK, Throb, Hellschreiber, SSTV, Voice keying (call CQ or
anyother message in your own voice) Contest logging, regular logging, CAT
and Rotator control. plus much more.. Happy Warbling and 73 ... Jim, WA2VOS

1333. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 11:55:12 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B2B4920.E34892A8@animats.net>
Source record: 8374

"Mr. Conklin" wrote:

> I think the history of packet excludes everything not AX.25, else
> we will start bringing in ASR-33, etc into the history :-)

Hmm.. oi!
What about the VADCG V1, V2 and V3 protocols?

They were popular here in Sydney for some time, it took a good while
to convince those of using them to move to AX.25.. As it happened it
was probably TCP/IP that convinced us in the end to move..

There are a good number of VADCG TNC+ machines still operating perfectly
around Sydney.

Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1334. PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 18:07:46 UTC
From: Gary Boyer <gboyer@buckeyeinternet.com>
Message-ID: <9gg79h0aqg@enews3.newsguy.com>
Source record: 8371

I noticed on their website..timewave...their latest software has psk31 included in their latest program....PK99..version?...anyway...has anyone used this software for psk31 purposes....does it require a special hookup..remod of pk900..etc..?....Please advise....thanks..Gary..K8BY

1335. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 19:34:13 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <CtOW6.6431$RR.96940@e420r-atl2.usenetserver.com>
Source record: 8372

Gary,

Check out the PkTerm '99 article in this months (July) 73 magazine by Jack Heller. He describes the use of it in detail.

No mods to the PK-900 needed, since it'll sue the PK-900 for the keying circuit. You'll still need to have your psk audio coming from the sound card, but this way you save a serial port for other uses and can change between all the Pk-900 modes and PSK-31 in one program, with the click of the mouse.

Rick - W4PC
http://www.cssincorp.com/pkterm

"Gary Boyer" <gboyer@buckeyeinternet.com> wrote in message
news:9gg79h0aqg@enews3.newsguy.com...
> I noticed on their website..timewave...their latest software has psk31
> included in their latest program....PK99..version?...anyway...has anyone
> used this software for psk31 purposes....does it require a special
> hookup..remod of pk900..etc..?....Please advise....thanks..Gary..K8BY
>
>
>

1336. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-16 19:38:55 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <uzOW6.47205$r4.410625@e420r-atl3.usenetserver.com>
Source record: 8373

Gary,

Check out the PkTerm '99 article in this months (July) 73 magazine by Jack Heller. He describes the use of it in detail.

No mods to the PK-900 needed, since it'll use the PK-900 for the keying circuit. You'll still need to have your psk audio coming from the sound card, but this way you save a serial port for other uses and can change between all the Pk-900 modes and PSK-31 in one program, with the click of the mouse.

Rick - W4PC
http://www.cssincorp.com/pkterm

"Gary Boyer" <gboyer@buckeyeinternet.com> wrote in message
news:9gg79h0aqg@enews3.newsguy.com...
> I noticed on their website..timewave...their latest software has psk31
> included in their latest program....PK99..version?...anyway...has anyone
> used this software for psk31 purposes....does it require a special
> hookup..remod of pk900..etc..?....Please advise....thanks..Gary..K8BY
>
>
>

1337. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 03:07:21 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <6i7oit8msnf02a86gafra3jknsvrbpf07k@4ax.com>
Source record: 8375
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1338. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 03:53:04 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.1595f3abdeadb6e7989692@news.monmouth.com>
Source record: 8376

In article <uzOW6.47205$r4.410625@e420r-atl3.usenetserver.com>,
ricker@cssincorp.com says...
> Gary,
>
> Check out the PkTerm '99 article in this months (July) 73 magazine by Jack
> Heller. He describes the use of it in detail.

Would that I could, but 73 is nowhere to be found in the New Jersey
area (bookstores or otherwise). Wayne's site has nada on even subscribing
to the mag, which I used to do, but don't anymore for a variety of
reasons. And near as I can figure out from an Altavista search, 73
doesn't have a website of it's own.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1339. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 04:51:47 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <9EWW6.9810$RR.189654@e420r-atl2.usenetserver.com>
Source record: 8377

Best bet is probably to email them. design73@aol.com

"Jack" <jackn2mpu@monmouth.com> wrote in message
news:MPG.1595f3abdeadb6e7989692@news.monmouth.com...
> In article <uzOW6.47205$r4.410625@e420r-atl3.usenetserver.com>,
> ricker@cssincorp.com says...
> > Gary,
> >
> > Check out the PkTerm '99 article in this months (July) 73 magazine by
Jack
> > Heller. He describes the use of it in detail.
>
> Would that I could, but 73 is nowhere to be found in the New Jersey
> area (bookstores or otherwise). Wayne's site has nada on even subscribing
> to the mag, which I used to do, but don't anymore for a variety of
> reasons. And near as I can figure out from an Altavista search, 73
> doesn't have a website of it's own.
> --
> de N2MPU Jack FN20
> Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
> Proud NRA member
> You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns
>

1340. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 05:49:16 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9ghgblikn1@slb7.atl.mindspring.net>
Source record: 8378

Ross:

[snip]
> ps: I hold a Canadian "digital amateur" ticket, FWTW. It was a fun
> thing to get.
>
> rwa
[snip]

I'm curious... How is your "digital amateur" ticket different from an "analog amateur" ticket?

And... what is different about the knowledge base required in order to pass the examinations?

Is CW considered to be a digital mode? Or is it just a "binary" [or maybe "ternary" (dot-dash-space)] analog mode part of the analog amateur ticket?

Heh, heh... I always like to believe that both wireline and wireless communications started out as a digital mode [Morse code is digital] and then regressed to analog modes for decades with the advent of the microphone and analog modulations, and that in the modern era we are returning to our original digital roots!

-Peter K1PO

1341. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 11:59:53 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <ZY0X6.303586$oc7.24197951@news2.rdc2.tx.home.com>
Source record: 8379

They stopped paying for articles for awhile. I finally got
paid a year late. Wayne used to sneak in late at night to
the business, and a private detective finally served him with
papers. Wayne has a rule that his assistant editors (the
people that do all the work) be as crooked as he is. Not
many last. I used to take his magazines and put them in the
bridal section of the bookstore. With zero sales, the book
store dropped it.

For all his computer bravado, he actually hires people who
are not skilled in anything besides formatting the articles on
an Apple computer and sending the files to the printers.

That's why they only accept finished, ready to print articles.
The editors don't have the time or skills to take a so-so
article and make it correct. There is no retainer of a peer
review, thus many articles have simple math errors, or
major electronic theory lapses.

The World Wide Web holds no interest to them. Wayne
is just a windbag, and none of his "actual" predictions have
panned out. Anyone see Cold Fusion take over in 1995?
How about 2000? If you took all his editorials and made
two stacks: 1) editorials about me, and 2) editorials about
others, the 1st stack would be 500 times higher than stack
number 2. He's broke his arm several times patting himself
on the back, and not paying the true author.

People need to stop sending them money, and let the bastards
die, like all the authors they screwed.

"Rick Ruhl" <ricker@cssincorp.com> wrote
> Best bet is probably to email them. design73@aol.com

1342. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 12:26:14 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <GI1X6.303842$oc7.24227625@news2.rdc2.tx.home.com>
Source record: 8380

Here's a quote from Wayne's personal web site (the one where
he sells his drunkard wife's videos, and all his junk editorials).
The photo of him on the page is 20 years old. He looks like
any other 80 year old geezer now.

Here it is:

"Having been a publisher for almost 50 years, I know how to
manipulate editors and publishers."

I bet you do!

1343. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 13:21:14 UTC
From: Gary Boyer <gboyer@buckeyeinternet.com>
Message-ID: <9giasb01dkp@enews1.newsguy.com>
Source record: 8381

Hey Guys I am just trying to get some operating info. so I can use my pk-900 for psk31.....any advice on this subject would be appreciated......I could not find the magazine in my home area Rick...any other suggestions? Thanks...Gary...K8BY..This email was about digital software..not Wayne Green..73
Mr. Conklin <conklin@westpark.com> wrote in message news:Gl1X6.303842$oc7.24227625@news2.rdc2.tx.home.com...
> Here's a quote from Wayne's personal web site (the one where
> he sells his drunkard wife's videos, and all his junk editorials).
> The photo of him on the page is 20 years old. He looks like
> any other 80 year old geezer now.
>
> Here it is:
>
> "Having been a publisher for almost 50 years, I know how to
> manipulate editors and publishers."
>
> I bet you do!
>
>
>

1344. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 15:41:18 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <Jd4X6.37303$TW.185153@tor-nn1.netcom.ca>
Source record: 8382

Gary,

I am not really sure it is very accurate to say that you are using your PK-900 for PSK31. You are only using the PK-900 as a PTT keying circuit! The PK-900 does NOT have the hardware to properly receive or transmit PSK31! You are using your computer with its sound card as the MODEM!

In other words, you don't need PKTERM to run PSK31. You can easily use any of the GREAT FREE software programs like DIGIPAN to operate PSK31. (For DIGIPAN see http://members.home.com/hteller/digipan/).

If you want to key your rig, you can use VOX. In other words, you can operate PSK31 RIGHT NOW!

But if you want to use PTT to key the rig, you will need to either build or buy a simple ONE transistor keying circuit OR you could use your PK-900 to key the rig (using PKTERM software).

To operate PSK31, the MOST important thing that you must do is PROPERLY interface your rig to the computer soundcard using some ADDITIONAL hardware typically called a SOUND CARD INTERFACE! Most use audio isolation transformers to break up ground loops.

The PK-900 or PKTerm 99 will NOT PROPERLY INTERFACE your sound card to your rig. You will likely have ground loops and transmit with a VERY dirty signal. Many of your fellow Hams will not be impressed.

If you want to buy a sound card interface already built, look at

1. RIGBLASTER
2. The one offered by the folks who made DIGIPAN (see http://members.home.com/hteller/digipan/)
3. Bucks interface .. see www.packetradio.com

Most Sound Card Interfaces ALSO have a PTT keying circuit.

I would first build or buy a good sound card interface and use one of the great FREE programs like DIGIPAN to get into PSK31 (or SSTV etc). If you want to buy PKTerm, go ahead. I hear it is a good program. But I would NOT buy PKTerm just for PSK31. You money is better spent on a good sound card interface.

Rob

"Gary Boyer" <gboyer@buckeyeinternet.com> wrote in message news:9giasb01dkp@enews1.newsguy.com...
> Hey Guys I am just trying to get some operating info. so I can use my pk-900

> for psk31.....any advice on this subject would be appreciated......I could
> not find the magazine in my home area Rick...any other suggestions?
> Thanks...Gary...K8BY..This email was about digital software..not Wayne
> Green..73
> Mr. Conklin <conklin@westpark.com> wrote in message
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> > Here's a quote from Wayne's personal web site (the one where
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> > The photo of him on the page is 20 years old. He looks like
> > any other 80 year old geezer now.
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> > Here it is:
> >
> > "Having been a publisher for almost 50 years, I know how to
> > manipulate editors and publishers."
> >
> > I bet you do!
> >
> >
> >
>
>

1345. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 17:12:13 UTC
From: Ross <rwa@gateway.bogons>
Message-ID: <87bsnn2fpu.fsf@gateway.bogons>
Source record: 8383

"Peter O. Brackett" <ab4bc@ix.netcom.com> writes:

> Ross:
> I'm curious... How is your "digital amateur" ticket different from an
> "analog amateur" ticket?

Different exam, different privileges. Of course, I went on and did CW
and I'm currently an Amateur Advanced (full privs all bands). Digital
is no longer offered, but I've still got the certificate.

> And... what is different about the knowledge base required in order to pass
> the examinations?

The "analog amateur" basic is a 20-question bingo card style exam.
The digital was a three-hour essay format exam, it was a very good
idea to read Stallings, Nyquist, and some Hamming before showing up,
and you really did need to do some math :). Oh, and the obligatory
legal/regs stuff, which in Canada comes down to "the Minister has godlike
powers" ;).

> Is CW considered to be a digital mode? Or is it just a "binary" [or maybe
> "ternary" (dot-dash-space)] analog mode part of the analog amateur ticket?

Have no idea - doesn't appear on either the Digital or the Basic. CW
endorsements are orthogonal to the Basic/Advanced exams. I'm mode
agnostic, and have no interest in flogging that particular expired
quadruped.

regards,
Ross ve6pdq

1346. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 17:52:07 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <a56X6.61251$r4.600751@e420r-atl3.usenetserver.com>
Source record: 8384

Rob,

In the demo mode of PkTerm '99, there is full access to the PSK-31 interface, sans the TNC for keying, so the PSK-31 in PKterm works like Digipan and the other freeware in that respect, except PKTerm was designed for the ease of use of switching between the modes of the PK-900 (PK-232, DSP-232, DSP-2232 etc), with the click of the mouse and other advanced features like Autologging with Log Windows and DXBase 2002, syncing a window with Log Windows, DX4Win and Logic 5, and much much more.

And Timewave is working on hardware interfaces where the sound card can be pluged directly into the TNCs, so that no other hardware is needed. Audio isolation is included in that hardware.

MFJ already has this with our MultiComm Host/MultiMode product. They have created a cable that plugs into the modem disconnect header on the MFJ-1278b. By using this and a cable from the ext speaker jack on the back of the TNC, going to the sound card, the audio passes through and is already isolated from the radio with the circuitry in the TNC!

So Gary can operate PSK-31 *RIGHT NOW* as you said, but he can do it with PKTerm '99 in demo mode at no charge. The value added are the advanced features of PkTerm '99, Pacterm '98 and MultiCom Host/Multimode.

Best

Rick - W4PC

"Rob" <Pse@NoEmail.Com> wrote in message
news:Jd4X6.37303$TW.185153@tor-nn1.netcom.ca...
> Gary,
>
> I am not really sure it is very accurate to say that you are using your
> PK-900 for PSK31. You are only using the PK-900 as a PTT keying circuit!
> The PK-900 does NOT have the hardware to properly receive or transmit
PSK31!
> You are using your computer with its sound card as the MODEM!
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> In other words, you don't need PKTERM to run PSK31. You can easily use
any
> of the GREAT FREE software programs like DIGIPAN to operate PSK31. (For
> DIGIPAN see http://members.home.com/hteller/digipan/).
>
> If you want to key your rig, you can use VOX. In other words, you can
> operate PSK31 RIGHT NOW!
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> But if you want to use PTT to key the rig, you will need to either build
or
> buy a simple ONE transistor keying circuit OR you could use your PK-900 to
> key the rig (using PKTERM software).
>
> To operate PSK31, the MOST important thing that you must do is PROPERLY
> interface your rig to the computer soundcard using some ADDITIONAL
hardware
> typically called a SOUND CARD INTERFACE! Most use audio isolation
> transformers to break up ground loops.
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> The PK-900 or PKTerm 99 will NOT PROPERLY INTERFACE your sound card to
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> rig. You will likely have ground loops and transmit with a VERY dirty
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> want to buy PKTerm, go ahead. I hear it is a good program. But I would
> NOT buy PKTerm just for PSK31. You money is better spent on a good sound
> card interface.
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> Rob
>
> "Gary Boyer" <gboyer@buckeyeinternet.com> wrote in message
> news:9giasb01dkp@enews1.newsguy.com...
> > Hey Guys I am just trying to get some operating info. so I can use my
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> > Green..73
> > Mr. Conklin <conklin@westpark.com> wrote in message
> > news:Gl1X6.303842$oc7.24227625@news2.rdc2.tx.home.com...
> > > Here's a quote from Wayne's personal web site (the one where
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> > > "Having been a publisher for almost 50 years, I know how to
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> > > I bet you do!
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>

1347. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 17:54:53 UTC
From: rgawtry@timewave.com
Message-ID: <9gir2t$1bv$1@hydra.bigsky.net>
Source record: 8385

Perhaps some news from Timewave will fuel this fire a little!

This may be a bit premature, since production units for the PK-900 will not be ready for about 3 months, but we are in the process of designing an internal sound card interface for the PK-900 that will allow you to run either sound card modems (like PSK31) or the existing PK-900 modems (like RTTY or Pactor) . The modes are software selectable from PK-TERM'99 and do not require changing cables to switch from the sound card to the PK-900 (or vice versa). If you are running AFSK you do not need to change any radio-to-PK-900 cabling to use this new interface and we supply the sound card-to-interface cable with the interface kit. The new interface uses transformer isolation and, of course, we take advantage of the existing PTT control circuitry and software.

The PK-900 project is scheduled for shipment in September, 2001. Prior to this (in July - already about a month late!), we will introduce a PK-232 internal sound card interface with the same characteristics as the PK-900. You can check our website (www.timewave.com) for more details as they are released.

73 es tu,
Randy Gawtry, K0CBH
Timewave Technology Inc.

In article <Jd4X6.37303$TW.185153@tor-nn1.netcom.ca>, "Rob" <Pse@NoEmail.Com> wrote:
>Gary,
>
>I am not really sure it is very accurate to say that you are using your
>PK-900 for PSK31. You are only using the PK-900 as a PTT keying circuit!
>The PK-900 does NOT have the hardware to properly receive or transmit PSK31!
>You are using your computer with its sound card as the MODEM!
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>In other words, you don't need PKTERM to run PSK31. You can easily use any
>of the GREAT FREE software programs like DIGIPAN to operate PSK31. (For
>DIGIPAN see http://members.home.com/hteller/digipan/).
>
>If you want to key your rig, you can use VOX. In other words, you can
>operate PSK31 RIGHT NOW!
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>But if you want to use PTT to key the rig, you will need to either build or
>buy a simple ONE transistor keying circuit OR you could use your PK-900 to
>key the rig (using PKTERM software).
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>To operate PSK31, the MOST important thing that you must do is PROPERLY
>interface your rig to the computer soundcard using some ADDITIONAL hardware

>typically called a SOUND CARD INTERFACE! Most use audio isolation
>transformers to break up ground loops.
>
>The PK-900 or PKTerm 99 will NOT PROPERLY INTERFACE your sound card to your
>rig. You will likely have ground loops and transmit with a VERY dirty
>signal. Many of your fellow Hams will not be impressed.
>
>If you want to buy a sound card interface already built, look at
>
>1. RIGBLASTER
>2. The one offered by the folks who made DIGIPAN (see
>http://members.home.com/hteller/digipan/)
>3. Bucks interface .. see www.packetradio.com
>
>Most Sound Card Interfaces ALSO have a PTT keying circuit.
>
>I would first build or buy a good sound card interface and use one of the
>great FREE programs like DIGIPAN to get into PSK31 (or SSTV etc). If you
>want to buy PKTerm, go ahead. I hear it is a good program. But I would
>NOT buy PKTerm just for PSK31. You money is better spent on a good sound
>card interface.
>
>Rob
>
>"Gary Boyer" <gboyer@buckeyeinternet.com> wrote in message
>news:9giasb01dkp@enews1.newsguy.com...
>> Hey Guys I am just trying to get some operating info. so I can use my
>pk-900
>> for psk31.....any advice on this subject would be appreciated......I could
>> not find the magazine in my home area Rick...any other suggestions?
>> Thanks...Gary...K8BY..This email was about digital software..not Wayne
>> Green..73
>> Mr. Conklin <conklin@westpark.com> wrote in message
>> news:Gl1X6.303842$oc7.24227625@news2.rdc2.tx.home.com...
>> > Here's a quote from Wayne's personal web site (the one where
>> > he sells his drunkard wife's videos, and all his junk editorials).
>> > The photo of him on the page is 20 years old. He looks like
>> > any other 80 year old geezer now.
>> >
>> > Here it is:
>> >
>> > "Having been a publisher for almost 50 years, I know how to
>> > manipulate editors and publishers."
>> >
>> > I bet you do!
>> >
>> >
>> >
>>
>>

>
>

1348. Re: Telneting via internet to amateur radio bands

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 19:10:57 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B2D00C1.BAAF3AC9@preferred.com>
Source record: 8386

Dog licenses are required as proof of rabies vaccination. Plus the
number can be raced in case of lost pet.

Gareth Rowlands wrote:
>
> In article <Pine.LNX.4.10.10106132121150.10858-100000@exp.bde-arc.ampr.org>,
> kd6lvw@bde-arc.ampr.org ("D. Stussy") wrote:
>
> > > >You need a license to use the internet in the UK ???
>
> > > They're working on it... ;-)
>
> > Considering that they need licenses for TV's too, it wouldn't surprise me if
> > that were actually meant to be a TRUE statement and not a joke.
>
> It wasn't all that long ago that we needed a licence for a DOG !
>
> 73, G.

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1349. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 20:26:26 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9gj3oaukt1@slb2.atl.mindspring.net>
Source record: 8387

Ross:

Hello.

[snip]
> The digital was a three-hour essay format exam, it was a very good
> idea to read Stallings, Nyquist, and some Hamming before showing up,
> and you really did need to do some math :).
[snip]

Thanks Ross, good way to describe the sylabus for that most famous and formidible digital amateur exam. Heh, heh...

Here's some comments on yours...

Stallings, who's he? Cream skimmer, what did he do? What's that old sayin, "them that can does, them that can't teach." ;-)

Nyquist, bandwidth required for symbol rate support BSTJ, 1928! Nice piece of work but dated. Harold has been long gone to the great anti-aliasing filter factory in the sky. God love him. :-(.

Gibby and Smith were more definitive on noise free capacity in 1965.

Hamming, source codes circa 1952. Richard, now still an adjunct at US Naval Post Graduate School. Monterey, CA if I'm not mistaken. But Lempel and Ziv have since gone far beyond. ;-)

What, no Kleinrock needed for that exam? ;-)

I'm surprised since... If I recall correctly, Dr. John DeMercado the former Canadian Director General of Radio Regs who instituted the "digital amateur" ticket in Canada, was a former student of Leonards at UCLA.

Re: queuing... I was thinking that you would at least have needed to take a look at Cooper or Kleinrock before sitting that essay exam. But then Bob was a Bell head not a Net head like Leonard.

Well I for one an impressed that, at least for a while long ago in Canada, there once was such an examination to enter our proud hobby.
Congratulations on passing that exam.

Ross do you know approximately how many "digital amateur" tickets were ever issued?

Best...

-Peter K1PO

1350. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 21:11:46 UTC
From: "Alan P. Biddle" <WA4SCA@AMSAT.ORG>
Message-ID: <m77qit4hb5hlka62bv0es85j9gptgc4mrs@4ax.com>
Source record: 8388

Randy,

Anything like this for us DSP-2232 users?

--
Alan
WA4SCA

1351. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-17 21:50:34 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <nPMKdPANZSL7EwIz@peaksys.co.uk>
Source record: 8389

In article <uzOW6.47205$r4.410625@e420r-atl3.usenetserver.com>, Rick Ruhl <ricker@cssincorp.com> writes
>Gary,
>
>Check out the PkTerm '99 article in this months (July) 73 magazine by Jack
>Heller. He describes the use of it in detail.
>
>No mods to the PK-900 needed, since it'll use the PK-900 for the keying
>circuit. You'll still need to have your psk audio coming from the sound
>card, but this way you save a serial port for other uses and can change
>between all the Pk-900 modes and PSK-31 in one program, with the click of
>the mouse.

I've read all the comments so far in this thread, but I'm struggling to understand how this works, and I've no way of getting hold of the 73 article, so -

A normal PSK31 / PC sound card system has the following connections:-

1. Rx audio from the radio to the PC sound card, preferably via an isolation transformer.

2. Tx audio from the PC sound card to the radio, preferably via an isolation transformer, and essentially via an adjustable attenuator pad, unless you're competing for the worst IMD on the band!

3. PTT from a PC COM port handshaking line to the radio, via an NPN transistor and a resistor, or via a more sophisticated isolation system. (Obviously, if you use vox, this isn't needed.)

So which of the above does the PK-900 replace?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1352. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 00:07:35 UTC
From: Ross <rwa@gateway.bogons>
Message-ID: <877kyaodko.fsf@gateway.bogons>
Source record: 8390

"Peter O. Brackett" <ab4bc@ix.netcom.com> writes:

> Stallings, who's he? Cream skimmer, what did he do? What's that old sayin,
> "them that can does, them that can't teach." ;-)

Sure, and frankly I lump him with Asimov as `expert on whatever he's
read lately'; but a good quick read and overview. And I found a copy
in the stacks.

> Gibby and Smith were more definitive on noise free capacity in 1965.

Must go read them. Tnx.

> What, no Kleinrock needed for that exam? ;-)

My day job at that time was as a campus Unix & network admin; busman's holiday!

> Re: queuing... I was thinking that you would at least have needed to take
> a look at Cooper or Kleinrock before sitting that essay exam. But then Bob
> was a Bell head not a Net head like Leonard.

AFAIR, there was a requirement to calculate the capacity of a slotted
Aloha from first principals, which I did by rote.

> Well I for one an impressed that, at least for a while long ago in
> Canada, there once was such an examination to enter our proud hobby.
> Congratulations on passing that exam.

Oh, you didn't need to have an M Eng. to pass by a long stretch. I
think I spent an evening at the books (hence the 'PDQ' in my call.)

> Ross do you know approximately how many "digital amateur" tickets were ever
> issued?

Oh, less than a thousand; I & Sc Canada would know best. It's a
historical curiosity nowadays - we were all grandfathered into Advanced.

regards,
Ross ve6pdq

1353. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 01:12:33 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <tiqlc47pqnvj48@corp.supernews.com>
Source record: 8391

Ronger

With the mod that Timewave is doing for the Pk-900, all 3. The sound card
will plug into the TNCs external modem connector via a cable and use the
TNCs radio out connectors to the radio.. no other circuit neded since all
the isolation will already be in the TNC.

So all three, sound in, sound out and PTT will be handled by one cable from
the TNC to the radio, and the sound card audio pluged into the external
modem connector...a clean implimentation by the Timewave guys, and switching
between the internal and sound card mode(s) is handled by PKterm.

Rick - W4PC

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:nPMKdPANZSL7EwIz@peaksys.co.uk...
> In article <uzOW6.47205$r4.410625@e420r-atl3.usenetserver.com>, Rick
> Ruhl <ricker@cssincorp.com> writes
> >Gary,
> >
> >Check out the PkTerm '99 article in this months (July) 73 magazine by
Jack
> >Heller. He describes the use of it in detail.
> >
> >No mods to the PK-900 needed, since it'll use the PK-900 for the keying
> >circuit. You'll still need to have your psk audio coming from the sound
> >card, but this way you save a serial port for other uses and can change
> >between all the Pk-900 modes and PSK-31 in one program, with the click of
> >the mouse.
>
> I've read all the comments so far in this thread, but I'm struggling to
> understand how this works, and I've no way of getting hold of the 73
> article, so -
>
> A normal PSK31 / PC sound card system has the following connections:-
>
> 1. Rx audio from the radio to the PC sound card, preferably via an
> isolation transformer.
>
> 2. Tx audio from the PC sound card to the radio, preferably via an
> isolation transformer, and essentially via an adjustable attenuator pad,
> unless you're competing for the worst IMD on the band!
>
> 3. PTT from a PC COM port handshaking line to the radio, via an NPN
> transistor and a resistor, or via a more sophisticated isolation system.

> (Obviously, if you use vox, this isn't needed.)
>
> So which of the above does the PK-900 replace?
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk

1354. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 01:17:32 UTC
From: rgawtry@timewave.com
Message-ID: <9gjl0q$e88$1@hydra.bigsky.net>
Source record: 8392

In article <m77qit4hb5hlka62bv0es85j9gptgc4mrs@4ax.com>, APBIDDLE@MAILAPS.ORG wrote:
>Randy,
>
>Anything like this for us DSP-2232 users?
>
>
>
We haven't had a chance to look at the DSP-2232 yet, but the possibility
certainly exists. It will be at least a couple of weeks before we have chance
to evaluate it. If we decide to do it, we will post a note on the website.
73 es tu,
Randy Gawtry, K0CBH
Timewave Technology Inc.

1355. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 02:58:50 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9gjqmb0hoc@enews3.newsguy.com>
Source record: 8393

Reminds me of Kurt Vonnegut's description of the fascist mind as a "cuckoo clock from hell" that works perfectly until a certain subject comes up... Since there's a missing cog or two in the mechanism in connection with that particular subject, the clocks' hands spin around back and forth like crazy, and the little bird flops in and out at random, until the subject of discussion finally changes and the mechanism once again goes back to functioning normally. - For a while.

73 DE Charles, N5PVL

"Mr. Conklin" <conklin@westpark.com> wrote in message news:Gl1X6.303842$oc7.24227625@news2.rdc2.tx.home.com...
> Here's a quote from Wayne's personal web site (the one where
> he sells his drunkard wife's videos, and all his junk editorials).
> The photo of him on the page is 20 years old. He looks like
> any other 80 year old geezer now.
>
> Here it is:
>
> "Having been a publisher for almost 50 years, I know how to
> manipulate editors and publishers."
>
> I bet you do!
>
>
>

1356. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 04:57:27 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <XSfX6.308584$oc7.26090627@news2.rdc2.tx.home.com>
Source record: 8394

Shit...

Kurt Vonnegut would have found such a clock abnormal
when it wasn't schizophrenic.

Vonnegut also wouldn't know a Fascist, if they drove up in a
truck and pissed in his driveway.

----- Original Message -----
From: Chuckles Brabham <n5pvl@the-i.net>

> Reminds me of Kurt Vonnegut's description of the fascist mind as a "cuckoo
> clock from hell" that works perfectly until a certain subject comes up...

1357. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 06:57:31 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ir9ir.8gn.nomail@linux.pe1chl.ampr.org>
Source record: 8395

Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
>Ross:

>Hello.

>[snip]
>> The digital was a three-hour essay format exam, it was a very good
>> idea to read Stallings, Nyquist, and some Hamming before showing up,
>> and you really did need to do some math :).
>[snip]

>Thanks Ross, good way to describe the sylabus for that most famous and
>formidible digital amateur exam. Heh, heh...

You would wish that people like Harold Walker (of VMSK fame) would have
taken such an exam... :-)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1358. Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 10:20:32 UTC
From: Enrique Martinez <pilotenrique@hotmail.com>
Message-ID: <9gkko3kkc1@onyx.indstate.edu>
Source record: 8396

I have heard there is a radio/tnc combo that does the PSK31. Has anyone else heard of such a thing? If so, who makes it?

Enrique

1359. Re: PK-900 PSK31 Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 10:28:40 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9gkl1t02hls@enews1.newsguy.com>
Source record: 8397

"Mr. Conklin" <conklin@westpark.com> wrote in message
news:XSfX6.308584$oc7.26090627@news2.rdc2.tx.home.com...
> Shit...
>
> Kurt Vonnegut would have found such a clock abnormal
> when it wasn't schizophrenic.

... And you of course see that the clock is "normal", and so disagree with Mr. Vonnegut.

>
> Vonnegut also wouldn't know a Fascist, if they drove up in a
> truck and pissed in his driveway.

Well, actually, they drove up in a truck and dragged him off to a prisonor of war camp. But, being the literary genius that you are (a legend in your own mind) then of course you are already aware of this.

Surely you are just ACTING like an illiterate nimcompoop, all mouth and no brains.

No wonder 73 magazine told you to take a hike. I don't know about anything else Greens does, but there's ONE thing Wayne Greene got exactly right.

I'd have had your sorry butt bouncing off the sidewalk too. Twice.

All done whining yet? It makes you kind of obvious... You might as well have "LOSER" tatooed onto your forehead.

73 DE Charles, N5PVL

1360. Re: Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 21:03:47 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B2E6CB3.706632B0@dialpoint.net>
Source record: 8398

As psk31 usually uses the computer sound card , are you sure you are not confusing the radio with the packet tnc built in ?

Enrique Martinez wrote:
>
> I have heard there is a radio/tnc combo that does the PSK31. Has anyone else
> heard of such a thing? If so, who makes it?
>
> Enrique

1361. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 23:04:45 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9gm1d5$3fl$1@slb0.atl.mindspring.net>
Source record: 8399

Rob:

Was Harold a Canadian?

AFAIK... Canada was the only country to ever institute a "digital amateur"
exam and ticket.

And... as Ross has shared with us the exam was not a multiple choice cake
walk

Too bad it's gone...

It seems like the Canadaian regulators regressed and watered it all down
again as Ross said, and...

To add insult to injury according to Ross they grandfathered all of the
licenced digital operators over to analog to boot! :-(

Keep that digital certificate Ross and show it to your great grandkids...

-Peter K1PO

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ir9ir.8gn.nomail@linux.pe1chl.ampr.org...
> Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
> >Ross:
>
> >Hello.
>
> >[snip]
> >> The digital was a three-hour essay format exam, it was a very good
> >> idea to read Stallings, Nyquist, and some Hamming before showing up,
> >> and you really did need to do some math :).
> >[snip]
>
> >Thanks Ross, good way to describe the sylabus for that most famous and
> >formidible digital amateur exam. Heh, heh...
>
> You would wish that people like Harold Walker (of VMSK fame) would have
> taken such an exam... :-)
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

1362. New program

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 23:09:06 UTC
From: Florian <m.florian@free.fr>
Message-ID: <mSvX6.4065$K8.6470747@nnrp4.proxad.net>
Source record: 8400

Hello,
I've written with a friend a teletext server for packet.
It need Linux correctly configured for packet with the kernel.
This version support multiple connection, some variables, an history of the
10 last page, direct connection, telnet connection, possibility to create
an alias to a command or a page...
look at http://xtsl.sourceforge.net

bye, 73 from Florian

1363. Re: Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-18 23:13:59 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0106181513.48484394@posting.google.com>
Source record: 8401

Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote in message
news:<3B29D53D.5F1@e-technik.tu-chemnitz.de>...
> Hello,
>
> I have installed the nice looking program EZSSTV. It works pretty
> fine, but only for some minutes. Then the program crashs and I get
> the DOS message "ILLEGAL INTERRUPT #6" with register dump. Sometimes
> it crashs immediately after starting it...

Processor? Memory?

Running for a while and then crashing suggests that the
program is falling behind in its processing. The usual
suspects are a too-slow processor, and not enough memory.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1364. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 02:00:24 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <u3ctitcbp02gpgp7t9fb1i1ie4i3a7erb1@4ax.com>
Source record: 8402
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1365. Re: Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 03:38:18 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <VPzX6.37753$TW.188000@tor-nn1.netcom.ca>
Source record: 8403

The SCS PTC II, PCT IIe and PTC II pro are DSP based modems (TNC's) that implement many modes including PSK31. You don't need a computer with a sound card for PSK31. see www.scs-ptc.com

The new KAM XL will also do PSK31. www.kantronics.com

Rob

"Enrique Martinez" <pilotenrique@hotmail.com> wrote in message news:9gkko3kkc1@onyx.indstate.edu...
> I have heard there is a radio/tnc combo that does the PSK31. Has anyone else
> heard of such a thing? If so, who makes it?
>
> Enrique
>
>

1366. Re: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 03:46:17 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <dWzX6.315266$oc7.28301334@news2.rdc2.tx.home.com>
Source record: 8404
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

I'll give you $10 for the whole deal, you pay shipping.

<ZZZjim_cronin@juno.comZZZ> wrote
> For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
> interconnecting cable. All in excellent condition. $300 shipped to
> lower 48 states.
>
> Also Microwave Modules 10 meter to 222 transverter used with above
> items + cables. In excellent condition. Includes extra crystal for
> use on 218-219 MHz fixed link band segment. $150 shipped with
> purchase of GRAPES modem; will not sell separately until modem is
> sold.
>
> Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
> or email to ZZZjim_cronin@juno.comZZZ
> (remove ZZZ on front and back to reply.)
>
> 73,
> Jim
> N2VNO
>

1367. Re: Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 03:54:39 UTC
From: theplanters95@aol.comnospam
Message-ID: <20010618235439.20697.00001387@ng-fx1.aol.com>
Source record: 8405

The NJ QRP Club has 20m and 80M radio's (warblers) that are designed for PSK31 only. Designs have appeared in the ARRL QST magazine in the last couple of years.

Randy

1368. Re: Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 04:39:40 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9gmkvp0296h@enews1.newsguy.com>
Source record: 8406

"Rob" <Pse@NoEmail.Com> wrote in message
news:VPzX6.37753$TW.188000@tor-nn1.netcom.ca...
> The SCS PTC II, PCT IIe and PTC II pro are DSP based modems (TNC's) that
> implement many modes including PSK31. You don't need a computer with a
> sound card for PSK31. see www.scs-ptc.com

Not sure of the prices...

300-500 bucks?

>
> The new KAM XL will also do PSK31. www.kantronics.com
>

200-300 bucks?

Bet I know why most Hams use a soundcard for psk31.

73 DE Charles, N5PVL

1369. Re: Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 05:39:41 UTC
From: Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de>
Message-ID: <3B2EE59D.45DB@e-technik.tu-chemnitz.de>
Source record: 8407

Hello,

Laura Halliday wrote:
>
> Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote in message
news:<3B29D53D.5F1@e-technik.tu-chemnitz.de>...
> > Hello,
> >
> > I have installed the nice looking program EZSSTV. It works pretty
> > fine, but only for some minutes. Then the program crashs and I get
> > the DOS message "ILLEGAL INTERRUPT #6" with register dump. Sometimes
> > it crashs immediately after starting it...
>

thanks for your reply, Laura.

> Processor? Memory?

486DX40, 20MB

>
> Running for a while and then crashing suggests that the
> program is falling behind in its processing. The usual
> suspects are a too-slow processor, and not enough memory.

The program crashs too when not in the receiving mode, for
instance while reading helps or loading pictures.
I have insulated two conditions for the crash as yet:
1. the univesa driver must be loaded
2. the program reads/writes to/from hard disk

Some suggestions yet?

Kay (DM2KL)

1370. Re: History of packet?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 08:19:04 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9iu2no.8gn.nomail@linux.pe1chl.ampr.org>
Source record: 8409

Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
>Rob:

>Was Harold a Canadian?

No idea... once in a while I visit Phil Karn's homepage and chuckle
reading the "VMSK delusion" stories that appear there. It is interesting
to see how little effect Phil's theoretical explanations have on
Harold's thinking... he seems to insist that he has invented the
perpetuum mobile of the information age.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1371. Re: Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 08:29:52 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9iu3c0.8gn.nomail@linux.pe1chl.ampr.org>
Source record: 8408

Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote:
>Hello,

>Laura Halliday wrote:
>>
>> Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote in message
news:<3B29D53D.5F1@e-technik.tu-chemnitz.de>...
>> > Hello,
>> >
>> > I have installed the nice looking program EZSSTV. It works pretty
>> > fine, but only for some minutes. Then the program crashs and I get
>> > the DOS message "ILLEGAL INTERRUPT #6" with register dump. Sometimes
>> > it crashs immediately after starting it...
>>

>thanks for your reply, Laura.

>> Processor? Memory?

>486DX40, 20MB

>>
>> Running for a while and then crashing suggests that the
>> program is falling behind in its processing. The usual
>> suspects are a too-slow processor, and not enough memory.

>The program crashs too when not in the receiving mode, for
>instance while reading helps or loading pictures.
>I have insulated two conditions for the crash as yet:
>1. the univesa driver must be loaded
>2. the program reads/writes to/from hard disk

>Some suggestions yet?

"ILLEGAL INTERRUPT #6" indicates an "illegal instruction".

This could mean the program contains instructions that your processor
is unable to execute (i.e. it requires a Pentium, or it is uses some
obscure instruction that your processor, which probably is not a genuine
Intel 486DX but an AMD or other clone, does not implement).

This can also be caused by problems with your hardware. The data read
from memory may be bad, causing the processor to interpret garbage as
instructions.

In the 386/486 age this often happened when the cache controller was
not entirely reliable. You could have a system that ran many programs OK,
but when running a program that did a lot of memory accesses in certain

unfortunate patters (e.g. walking through the entire memory) it suddenly
failed and returned bad data.

I have once wasted a couple of weeks debugging my packet radio program
which crashed on a certain busy node, only to find that the problem
disappeared when the operator disabled the cache in the BIOS setup.
Of course then the system was much slower. The motherboard was replaced
and the problem was gone.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1372. Re: FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 10:35:28 UTC
From: no.spam@no.junk.mail.net
Message-ID: <3kauit4cp005vk457ibfe260r0s4gns242@4ax.com>
Source record: 8410

On Mon, 18 Jun 2001 22:00:24 -0400, ZZZjim_cronin@juno.comZZZ wrote:

>For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
>interconnecting cable. A
>Also Microwave Modules 10 meter to 222 transverter used with above
>items + cables. In excellent condition. In
>Call Jim at 716-381-#### (evenings before 9 PM) or 716-231-#### (work)
>or email to ZZZjim_cr#####@juno.comZZZ
>(remove ZZZ on front and back to reply.

When you learn how to post to a newsgroup I'll send you the money.

1373. Re: Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 12:10:57 UTC
From: Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de>
Message-ID: <3B2F4151.3CC4@e-technik.tu-chemnitz.de>
Source record: 8411

Rob Janssen wrote:
>
> Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote:
> >Hello,
>
> >Laura Halliday wrote:
> >>
> >> Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de> wrote in message
news:<3B29D53D.5F1@e-technik.tu-chemnitz.de>...
> >> > Hello,
> >> >
> >> > I have installed the nice looking program EZSSTV. It works pretty
> >> > fine, but only for some minutes. Then the program crashs and I get
> >> > the DOS message "ILLEGAL INTERRUPT #6" with register dump. Sometimes
> >> > it crashs immediately after starting it...
> >>
>
> >thanks for your reply, Laura.
>
> >> Processor? Memory?
>
> >486DX40, 20MB
>
> >>
> >> Running for a while and then crashing suggests that the
> >> program is falling behind in its processing. The usual
> >> suspects are a too-slow processor, and not enough memory.
>
> >The program crashs too when not in the receiving mode, for
> >instance while reading helps or loading pictures.
> >I have insulated two conditions for the crash as yet:
> >1. the univesa driver must be loaded
> >2. the program reads/writes to/from hard disk
>
> >Some suggestions yet?
>

[...]

> This can also be caused by problems with your hardware. The data read
> from memory may be bad, causing the processor to interpret garbage as
> instructions.
>
> In the 386/486 age this often happened when the cache controller was
> not entirely reliable. You could have a system that ran many programs OK,

> but when running a program that did a lot of memory accesses in certain
> unfortunate patters (e.g. walking through the entire memory) it suddenly
> failed and returned bad data.

[...]

A good idea, Bob. I will check my memory/cache with MemTest-86 and
turn off the cache for some further ezsstv tests.

Kay (DM2KL)

1374. ARRL bulletins for field day?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 13:30:18 UTC
From: rmclean@invalid.com
Message-ID: <3B2F53AF.785189A0@invalid.com>
Source record: 8412

This might be a dumb question, but are the frequencies used for the Field Day bulletins the same as the normal ARRL bulletins(CW and RTTY is what I want)? Also they say that they will be sending it via PSK31 this year. I assume that this will be on 14.070(and/or other psk31 freqs on other bands), correct? The ARRL doesn't make any mention for PSK31 on its website for bulletin frequencies. de WO5M

--
Randy Mclean
Administrator of Novell, UNIX, NT, Network Security, and/or any thing else that users break around here(WHY IS THAT???)!

1375. Re: Help with PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-19 20:57:30 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <82PX6.37998$TW.189168@tor-nn1.netcom.ca>
Source record: 8413

I agree that the DSP based modems are not cheap but if you want to operate PSK31 when backpacking etc, the TNC with a small dumb terminal like a Palm Pilot is a great way to go.

There is probably very little difference in performance between a DSP based modem and a sound card for PSK31, etc. I don't see much between my PTC II and the sound card on PSK31.

But if you ant to operate the BURST modes (e.g. AMTOR, GTOR, PACTOR etc) under Windows, the TNC is the only way to go. It is virtually impossible to implement the BURST modes under Windows with a sound card.

73's
Rob

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9gmkvp0296h@enews1.newsguy.com...
>
> "Rob" <Pse@NoEmail.Com> wrote in message
> news:VPzX6.37753$TW.188000@tor-nn1.netcom.ca...
> > The SCS PTC II, PCT IIe and PTC II pro are DSP based modems (TNC's)
that
> > implement many modes including PSK31. You don't need a computer with a
> > sound card for PSK31. see www.scs-ptc.com
>
> Not sure of the prices...
>
> 300-500 bucks?
>
> >
> > The new KAM XL will also do PSK31. www.kantronics.com
> >
>
> 200-300 bucks?
>
> Bet I know why most Hams use a soundcard for psk31.
>
> 73 DE Charles, N5PVL
>
>
>

1376. Re: Question with RTTY on 30m?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 03:49:12 UTC
From: Mark Keith <nm5k@wt.net>
Message-ID: <3B301D38.5208@wt.net>
Source record: 8418
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

iwsoper wrote:
>
> I have noticed the same signals on 30 meters. Sometime time ago another
> person posted the same question. I believe the answer was the stations were
> commerical using a wider shift and encryption.
>
> That is the best answer I could give at the moment.
>
> kal

Yep, they are commercials. Like the others , I really don't hear a whole
lot of ham digi stuff on 30m for some reason. Dunno why, it's a great
band. About my favorite for CW. MK
--
http://web.wt.net/~nm5k

1377. Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 04:38:09 UTC
From: Harvey Tetmeyer <k5ljm@mindspring.com>
Message-ID: <9gp99qhrc1@slb6.atl.mindspring.net>
Source record: 8414

Anybody know where I can find sound card spectrum analyzer software? I need to look at receiver audio in the frequency domain. My old $10 World War II scope does fine in the time domain but the fire bottles are not smart enough to do the math and convert it for me.

Also, how can I use the sound card as a low distortion audio generator? Any software out there that plays in Windows... or DOS? I could do it with an opamp and a few components but I'd rather do it with computer controlled D-to-A. There must be a single sine wave programmed in the sound card chip. Just hope it is not locked to the musical scale.

Thanks,

Harvey, K5LJM in sunny Sun City, AZ
110 here today...but it's a dry heat! {;>)

1378. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 10:52:56 UTC
From: "Alan P. Biddle" <WA4SCA@AMSAT.ORG>
Message-ID: <qvv0jto8d6rqukpj37q14fdkqnjhh2vnm4@4ax.com>
Source record: 8415

Harvey,

I use this one: http://www.monumental.com/rshorne/gram.html
Another good program is at: http://www.webcom.com/af9y/radio10.htm

73,

--
Alan
WA4SCA

1379. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 13:23:14 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <sd21jtg4f9aiuogen5mlgs42cefeut0erc@4ax.com>
Source record: 8416
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1380. PSK31 QUESTIN

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 14:07:52 UTC
From: WD9ATU <wd9atu@qsl.net>
Message-ID: <9gqan6$2d09$1@nix2.kconline.com>
Source record: 8417

We are planning on running PSK31 at our Field Day site. We are not use to using it, and it will be kind of a playing around and testing phase for us. I know there is a lot of band that digital can be used, but is there any special frequency that you can find someone on the bands?

1381. Re: PSK31 QUESTIN

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 16:37:23 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <jk4Y6.38276$TW.190653@tor-nn1.netcom.ca>
Source record: 8419

Try 14.070 to 14.074 Mhz

Rob

"WD9ATU" <wd9atu@qsl.net> wrote in message
news:9gqan6$2d09$1@nix2.kconline.com...
> We are planning on running PSK31 at our Field Day site. We are not use to
> using it, and it will be kind of a playing around and testing phase for
us.
> I know there is a lot of band that digital can be used, but is there any
> special frequency that you can find someone on the bands?
>
>

1382. TrueTTY 1.81 beta is there!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 17:37:47 UTC
From: amx2@dxsoft.com
Message-ID: <3b30deec.15568037@news.cis.dfn.de>
Source record: 8420

Hello, All!

Upgrade to TrueTTY 1.81 was published at
http://www.dxsoft.com and
http://www.hamport.com

WBR,
Sergei

Windows HAM radio software at http://www.dxsoft.com

1383. Re: FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 18:59:45 UTC
From: no.spam@no.junk.mail.net
Message-ID: <3is1jt8gp5ubj3ikeq83f7vtn63g3cl3oi@4ax.com>
Source record: 8421
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

On Wed, 20 Jun 2001 09:23:14 -0400, ZZZjim_cronin@juno.comZZZ wrote:

>For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
>interconnecting cable. All in excellent condition. $300 shipped to
>lower 48 states.
>
>Also Microwave Modules 10 meter to 222 transverter used with above
>items + cables. In excellent condition. Includes extra crystal for
>use on 218-219 MHz fixed link band segment. $150 shipped with
>purchase of GRAPES modem; will not sell separately until modem is
>sold.
>
>Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
>or email to ZZZjim_cronin@juno.comZZZ
>(remove ZZZ on front and back to reply.)
>
>73,
>Jim
>N2VNO

you don't need to post the message everyday. Try listening before you blab. It's
a long forgotten old amateur radio technic.

1384. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-20 20:32:57 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B310879.C3E73406@dialpoint.net>
Source record: 8422

Look here for some sound card programs:

http://www.muenster.de/%7Ewelp/sb.htm

Harvey Tetmeyer wrote:
>
> Anybody know where I can find sound card spectrum analyzer software? I need
> to look at receiver audio in the frequency domain. My old $10 World War II
> scope does fine in the time domain but the fire bottles are not smart enough
> to do the math and convert it for me.
>
> Also, how can I use the sound card as a low distortion audio generator? Any
> software out there that plays in Windows... or DOS? I could do it with an
> opamp and a few components but I'd rather do it with computer controlled
> D-to-A. There must be a single sine wave programmed in the sound card chip.
> Just hope it is not locked to the musical scale.
>
> Thanks,
>
> Harvey, K5LJM in sunny Sun City, AZ
> 110 here today...but it's a dry heat! {;>)

1385. PSK31 guys look at this!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-21 01:20:48 UTC
From: Enrique Martinez <pilotenrique@hotmail.com>
Message-ID: <9gri5gcpu1@onyx.indstate.edu>
Source record: 8423

http://smallwonderlabs.com/swl_psk31.html

1386. Code3 crash

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-21 17:27:22 UTC
From: Dan <dan.w@swipnet.se>
Message-ID: <m2qY6.13752$vR1.40294@nntpserver.swip.net>
Source record: 8424

I have a Code3 demodulator from Hoka. For a year ago my hard-disk
have a crash and my software and the key on it was goin by west.
Ofcourse I have the software in a other copy but it never works witout the
special key.

Do any body now how I can find a new copy without to pay $80.
/Dan

1387. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-21 21:13:17 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0106211313.1f965c0b@posting.google.com>
Source record: 8425

"Harvey Tetmeyer" <k5ljm@mindspring.com> wrote in message
news:<9gp99qhrc1@slb6.atl.mindspring.net>...

> Anybody know where I can find sound card spectrum analyzer software? I need
> to look at receiver audio in the frequency domain. My old $10 World War II
> scope does fine in the time domain but the fire bottles are not smart enough
> to do the math and convert it for me.

All Linux distributions come with sound card FFT software. It's not
difficult to roll your own: FFT is a textbook algorithm.

> Also, how can I use the sound card as a low distortion audio generator? Any
> software out there that plays in Windows... or DOS? I could do it with an
> opamp and a few components but I'd rather do it with computer controlled
> D-to-A. There must be a single sine wave programmed in the sound card chip.
> Just hope it is not locked to the musical scale.

There are no waveforms programmed in to any sound card
I've ever seen. You generate the samples and blast them
out yourself. There may be software out there, but it's
dead easy to do it yourself.

DOS? Windows? They just make things like this difficult.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1388. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 02:19:03 UTC
From: Harvey Tetmeyer <k5ljm@mindspring.com>
Message-ID: <9gucat$l18$1@slb3.atl.mindspring.net>
Source record: 8428

Alan,

These are great... just what the doctor ordered for looking at the audio out of my receiver. Nice to have multiple timed samples.

Many thanks,

Harvey, K5LJM

1389. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 02:21:59 UTC
From: Harvey Tetmeyer <k5ljm@mindspring.com>
Message-ID: <9gucau$l18$2@slb3.atl.mindspring.net>
Source record: 8427

Ralph,

This is a great site. I can spend weeks checking out all this stuff. I'm glad I'm retired. I could get rather frustrated otherwise with all these goodies.

Thanks,
Harvey, K5LJM

1390. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 02:52:29 UTC
From: Harvey Tetmeyer <k5ljm@mindspring.com>
Message-ID: <9gucb0$l18$3@slb3.atl.mindspring.net>
Source record: 8426

Laura,

Thanks for the advice. I have Linux Mandrake 7.0 on the shelf, still in the box. Maybe with lots of studying and some help from my friends, I could get one of my old computers up and running FFT software. But first, I need you to point me to the starting places. My last programming was assembly language, Fortran, Pascal, Basic and Cobol on minis and 8080 machines... did quite a bit of real-time control programming for military systems. Later on, I had other folks to do it for me. I've looked at C++, Visual Basic, Access, Java, JavaScript, Flash, etc. but haven't the foggiest idea how to write machine relocatable code for a '486, Pentium, PII or PIII.

I need to brush up a bit on my FT math as well. We mechanical engineers who graduated in the late 1950's did not study much higher math. That's not a piece of cake, but it is a mountain I can climb.

The big black vertical cliff is the hooks for the sound card. Where can I find out how to command the D-to-A's and A-to-D's using the Intel spider? I would like to do it in Windows as well as Linux and whatever you recommend.

Sounds like this is old hat to you. Will you please post this on the newsgroup? I'm sure there are others who would like to learn more about the subject.

I hope you can show me that it is "dead easy to do it yourself."

73, Harvey K5LJM

1391. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 07:26:15 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9j5son.q4s.nomail@linux.pe1chl.ampr.org>
Source record: 8429

Laura Halliday <marsgal42@hotmail.com> wrote:
>> Also, how can I use the sound card as a low distortion audio generator? Any
>> software out there that plays in Windows... or DOS? I could do it with an
>> opamp and a few components but I'd rather do it with computer controlled
>> D-to-A. There must be a single sine wave programmed in the sound card chip.
>> Just hope it is not locked to the musical scale.

>There are no waveforms programmed in to any sound card
>I've ever seen. You generate the samples and blast them
>out yourself. There may be software out there, but it's
>dead easy to do it yourself.

Then you have missed the "wavetable" soundcards. I still have two "Gravis Ultrasound" cards in the junkbox. You downloaded waveforms and amplitude shapes into onboard RAM and the card could, without any CPU attention at all, "play" these waveforms forever. It could also, with only very little CPU effort, play formats like MIDI and MOD. In fact you only gave it a sequence of "notes" to play via the bus interface and it would generate the waveforms (both the shape of the individual cycles and the way in which they changed over time) all by itself.

Such a card would be able to generate FSK with only very little effort, and would also be a programmable function generator.

Cards like this were also produced by the more wellknown manufacturers like Creative, sometimes with the wavetable data in ROM (not as flexible).

They died out when the game programmers and computer users switched from MIDI and MOD-type audio to MP3 and other compressed "live performance" audio.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1392. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 11:55:19 UTC
From: hamish@cloud.net.au
Message-ID: <HmGY6.10454$25.39821@news1.eburwd1.vic.optushome.com.au>
Source record: 8430

Laura Halliday <marsgal42@hotmail.com> wrote:
> There are no waveforms programmed in to any sound card
> I've ever seen.

Actually, most modern ones have some wavetable MIDI synthesis
built in, which does mean waveforms in ROM (or RAM).

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1393. FS: Ottawa PI/2 cards + other packet stuff.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 12:20:34 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <5rd6jtcie3i6gf9uokqkg08nnh61njq06t@4ax.com>
Source record: 8431
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale:

Two Ottawa PI/2 cards. $35 shipped to lower 48 states.

Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card + interconnecting cable. All in excellent condition. $300 shipped to lower 48 states.

Also Microwave Modules 10 meter to 220 transverter used with above items + cables. In excellent condition. Includes extra crystal for use on 218-219 MHz fixed link band segment. $150 shipped with purchase of GRAPES modem; will not sell separately until modem is sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work) or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1394. New Hellschreiber Discussion Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-22 20:58:27 UTC
From: Joe Singleton <joe@g4wjr.freeserve.co.uk>
Message-ID: <d7c7jtk0iv9l286uvoojp72ts8eqa9urgr@4ax.com>
Source record: 8432

Hello all,

i have just started up a discussion group on Hellschreiber at
http://groups.yahoo.com/group/hellnews

Come and join in to discuss the great mode of HELL.

Cheers - Joe, G4WJR

1395. WTB: M8000v7.5 Info Tech/Universal Demodulator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-23 00:12:27 UTC
From: Bill Crocker <bcrocker@home.com>
Message-ID: <L9RY6.113820$DG1.18712827@news1.rdc1.mi.home.com>
Source record: 8433

WANTED:

M8000v7.5 Info Tech/Universal Multi-Mode Demodulator

Thanks,
Bill Crocker

1396. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-23 21:49:05 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <7m3ajtc1fbo9u481vsjm07dmjg95colcrm@4ax.com>
Source record: 8434
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1397. Need Sound Card Programming Info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-24 00:46:34 UTC
From: Harvey Tetmeyer <k5ljm@mindspring.com>
Message-ID: <9h3d5cjnb1@slb0.atl.mindspring.net>
Source record: 8435

Can anyone point me to info on software to talk to a SoundBlaster or similar sound card? How do I write code to use the DAC and ADC on these inexpensive boards? Where can I find the interface hooks?

Any help would be appreciated. I don't want you to do it for me... just tell me where to go! {;>)

Harvey, K5LJM

1398. Re: Need Sound Card Programming Info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-24 04:47:41 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B3570DF.9A976CB@att.net>
Source record: 8436

Harvey, get in touch with Moe Wheatley AE4JY who wrote the basic PSK31
"engine" used in almost all current PSK31 programs. If anyone can answer
your questions, he can.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Harvey Tetmeyer wrote:
>
> Can anyone point me to info on software to talk to a SoundBlaster or similar
> sound card? How do I write code to use the DAC and ADC on these inexpensive
> boards? Where can I find the interface hooks?
>
> Any help would be appreciated. I don't want you to do it for me... just tell
> me where to go! {;>)
>
> Harvey, K5LJM

1399. Re: Need Sound Card Programming Info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-24 06:27:00 UTC
From: "Mr. Conklin" <conklin@westpark.com>
Message-ID: <UKfZ6.354956$oc7.41131720@news2.rdc2.tx.home.com>
Source record: 8437

Here's a link:

http://www.xraylith.wisc.edu/~ebrodsky/sb16doc/sb16doc.html

Try: www.google.com

and search for: multimedia windows soundblaster api

1400. Re: Need Sound Card Programming Info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-24 08:45:05 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9jba4h.jkf.nomail@linux.pe1chl.ampr.org>
Source record: 8438

Harvey Tetmeyer <k5ljm@mindspring.com> wrote:
>Can anyone point me to info on software to talk to a SoundBlaster or similar
>sound card? How do I write code to use the DAC and ADC on these inexpensive
>boards? Where can I find the interface hooks?

It will depend on the operating system you are using.
Some of them do provide functions for this kind of access (e.g. Linux,
Windows), and it will not matter what card you have.

In other environments you can sometimes install a function library from the
manufacturer. Details will then depend on the card.

When you are writing for a stanalone system and not using any OS, you will
need to get technical docs from the card manufacturer, or from the
manufacturer of the main chip on the card.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1401. Re: ARRL bulletins for field day?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-24 15:32:51 UTC
From: KG6ENA <kg6ena@home.com>
Message-ID: <3B36081E.CEAA8755@home.com>
Source record: 8439

are there other psk frequencies designated for 6 or 2 meters?

kg6ena

rmclean@invalid.com wrote:
>
> This might be a dumb question, but are the frequencies used for the
> Field Day bulletins the same as the normal ARRL bulletins(CW and RTTY is
> what I want)? Also they say that they will be sending it via PSK31 this
> year. I assume that this will be on 14.070(and/or other psk31 freqs on
> other bands), correct? The ARRL doesn't make any mention for PSK31 on
> its website for bulletin frequencies. de WO5M
>
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
> else that users break around here(WHY IS THAT???)!

1402. nos dual port tnc configuration

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 03:54:14 UTC
From: Bob Bennett <kf8ph@nacs.net>
Message-ID: <3B36B5E6.BDBCDE3C@nacs.net>
Source record: 8440

I want to run jnos (or Tnos) on my linux box. I have a kpc 9612 dual port tnc, and need to know the syntax of the attach command that will activate both ports, Can someone help?

Bob Bennett
kf8ph

1403. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 16:59:10 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0106250859.24286582@posting.google.com>
Source record: 8441

hamish@cloud.net.au wrote in message
news:<HmGY6.10454$25.39821@news1.eburwd1.vic.optushome.com.au>...
> Laura Halliday <marsgal42@hotmail.com> wrote:
> > There are no waveforms programmed in to any sound card
> > I've ever seen.
>
> Actually, most modern ones have some wavetable MIDI synthesis
> built in, which does mean waveforms in ROM (or RAM).

The only ones I've ever used are the cheapest, nastiest
ones I can lay my hands on. Which are just what you want
for digital ham radio stuff...

I can think of lots of applications for wavetable
synthesis, but in this day and age processors are fast
enough to do such things in software, and usually do it
better anyway.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1404. FS: Dumb terminal

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 22:24:56 UTC
From: David Panek <dpanek@mindspring.com>
Message-ID: <9h8dem$6uj$1@slb1.atl.mindspring.net>
Source record: 8442

I have for sale 2 Informer data terminals. They have
a RS232 port on back and are 110 volts.
I have a picture at:
http://www.mindspring.com/~dpanek/modmilradios.html
Excellent condition $35 each.
Easy to use.
David Panek
dpanek@mindspring.com

1405. FS: WAVECOM W40PC Decoder

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 23:18:41 UTC
From: wampus@nc.rr.com
Message-ID: <3b37c6e7.210730985@news-server.nc.rr.com>
Source record: 8443

FS: WAVECOM W40PC internal PC card radioteletype decoder with manual
and software. $1000 plus shipping.

reply to wampus@nc.rr.com

Chuck Yarbrough
Durham, NC

1406. AM/SSB/FM digital demodulation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 23:49:37 UTC
From: Thierry Leconte <thierry.leconte@liberty.fr>
Message-ID: <9h8iidknh1@news6.isdnet.net>
Source record: 8444
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Hi,

If you are interested in the use of DSP for radio receiver, perhaps you
could take a look at my new web page,
that describe a program I wrote for a 56002EVM board :

http://perso.libertysurf.fr/thierry.leconte/demod.html

1407. FRG-7 mods

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-25 23:54:54 UTC
From: Thierry Leconte <thierry.leconte@liberty.fr>
Message-ID: <9h8isa$1vku$1@news5.isdnet.net>
Source record: 8445
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Hi,

I just created a web page about all the mods I have done to my good old
FRG-7.
If your are interested :
http://perso.libertysurf.fr/thierry.leconte/FRG7mods.html

1408. Re: AM/SSB/FM digital demodulation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-26 11:35:28 UTC
From: John <jca1954@iprimus.com.au>
Message-ID: <3b38723c@news.iprimus.com.au>
Source record: 8446
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

I'm there
"Thierry Leconte" <thierry.leconte@liberty.fr> wrote in message
news:9h8iidknh1@news6.isdnet.net...
>
> Hi,
>
> If you are interested in the use of DSP for radio receiver, perhaps you
> could take a look at my new web page,
> that describe a program I wrote for a 56002EVM board :
>
> http://perso.libertysurf.fr/thierry.leconte/demod.html
>
>
>
>

1409. Re: Problem with EZSSTV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-26 12:57:14 UTC
From: Kay-Uwe Loebel <loebel@e-technik.tu-chemnitz.de>
Message-ID: <3B3886AA.5401@e-technik.tu-chemnitz.de>
Source record: 8447

Rob Janssen wrote:

[...]
> This can also be caused by problems with your hardware. The data read
> from memory may be bad, causing the processor to interpret garbage as
> instructions.
[...]

I checked the memory/cache many hours/passes with MemTest-86, they
are okay. :-|

Kay

1410. Re: AM/SSB/FM digital demodulation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-26 17:02:20 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3B38C0A5.229B@pop.removethistomailme.net>
Source record: 8448
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

```
Thierry Leconte wrote:
>
> Hi,
>
> If you are interested in the use of DSP for radio receiver, perhaps you
> could take a look at my new web page,
> that describe a program I wrote for a 56002EVM board :
>
> http://perso.libertysurf.fr/thierry.leconte/demod.html

Nice page!

-- jm

-----------------------------------------------------
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam
-----------------------------------------------------
```

1411. FA: PK-232MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-27 15:42:13 UTC
From: k8cpa@arrl.net
Message-ID: <3b39fe88.58561475@netnews.att.net>
Source record: 8449

http://page.auctions.yahoo.com/auction/52959994

1412. Re: AM Radio help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-28 03:17:32 UTC
From: "Prentice Tyndall, Jr." <prentice@icomnet.com>
Message-ID: <3B3AA1CB.323CF198@icomnet.com>
Source record: 8450

You might try a wire antenna (dipole, Zepp, inverted V, etc.) or loaded yagi tuned specifically to that frequency and configured in such a way as to reject other signals from unwanted areas. (Such an antenna will take up near an acre!) The Antenna Handbook (ARRL) has much information on these types of antennas.

Prentice N4VBH

MKWhippet wrote:

> I live about 65 miles from an AM station 50K watt....I have a receiver with an
> external ant....what can I do to boost the signal at night?
>
> Please help!!!!!!

1413. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-28 06:59:45 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9jllf1.95q.nomail@linux.pe1chl.ampr.org>
Source record: 8251

Laura Halliday <marsgal42@hotmail.com> wrote:
>I can think of lots of applications for wavetable
>synthesis, but in this day and age processors are fast
>enough to do such things in software, and usually do it
>better anyway.

Maybe in theory, but in practice I have not seen programs that
played MOD or MIDI files on my new "plain" D/A soundcard as well
as they did on my old GUS. At least not under Linux.

Of course this is not that important anymore, as these days one
plays MP3 files, not MOD or MIDI.

The problem with all software solutions is that someone has to
write the software...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1414. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-28 15:22:24 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <bghmjt0i3it668sjua2bcfi6q46thbc5fh@4ax.com>
Source record: 8252
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1415. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-28 15:43:37 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0106280743.5c0221bb@posting.google.com>
Source record: 8253

nomail@rob.knoware.nl (Rob Janssen) wrote in message
news:<slrn9jllf1.95q.nomail@linux.pe1chl.ampr.org>...

> Maybe in theory, but in practice I have not seen programs that
> played MOD or MIDI files on my new "plain" D/A soundcard as well
> as they did on my old GUS. At least not under Linux.
>
> Of course this is not that important anymore, as these days one
> plays MP3 files, not MOD or MIDI.
>
> The problem with all software solutions is that someone has to
> write the software...

All well and good, but since this is rec.radio.amateur.digital.misc,
how would you apply wavetable synthesis to, say, PSK31?
Or MFSK? Or any other digital communications mode?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1416. Re: Sound Card Spectrum Analyzer/AF Oscillator Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-28 16:47:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9jmntd.cbp.nomail@linux.pe1chl.ampr.org>
Source record: 8254

Laura Halliday <marsgal42@hotmail.com> wrote:
>nomail@rob.knoware.nl (Rob Janssen) wrote in message
news:<slrn9jllf1.95q.nomail@linux.pe1chl.ampr.org>...

>> Maybe in theory, but in practice I have not seen programs that
>> played MOD or MIDI files on my new "plain" D/A soundcard as well
>> as they did on my old GUS. At least not under Linux.
>>
>> Of course this is not that important anymore, as these days one
>> plays MP3 files, not MOD or MIDI.
>>
>> The problem with all software solutions is that someone has to
>> write the software...

>All well and good, but since this is rec.radio.amateur.digital.misc,
>how would you apply wavetable synthesis to, say, PSK31?
>Or MFSK? Or any other digital communications mode?

The wavetable synthesizer can do any multi-tone FSK and probably PSK
as well. Of course only the generation, not the decoding. The average
16-channel wavetable synthesizer would not have trouble synthesizing
a 16 channel FSK signal at up to 100 baud without any CPU attention.
32-channel and more also exist.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1417. Hello every one!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-29 03:38:17 UTC
From: webmaster@xxtax.gov.cn
Message-ID: <837695b8.0106281938.36cf0d8e@posting.google.com>
Source record: 8255

Send message to here the first time...

I love digital mode, hope to see you on 21.070 etc in PSK31,MFSK16 mode.

73! DE BD7CE
http://ljh.xxtax.gov.cn

1418. MixW version 2.0 RC 8 now ready for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-29 04:01:03 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9hguie$5f$1@bob.news.rcn.net>
Source record: 8256

Hi there fellow warblers... MixW version 2.0 RC8 has now been uploaded to
our website which is:
http://www.nvbb.net/~jaffejim/mixwpage.htm the following changes and updates
have been made:
- Expiration date (for unregistered users) is July 14, 2001.
Added:
- RC8 changes:
- New soundcard module with much better RX stability in heavy multitasking
environment.
- Manual RX is supported for SSB and CW with usual highlighting, call
grabbing etc. (For CW: goto Mode settings/Rx Algorithm/Manual)
- Multiple call registration is available
- Mode specific info is displayed in the status bar.
- some minor bugs were fixed
- expiration date for non-registered users is set to July 14.
- Several contest bugs are fixed, but contest mode is to be re-written.
For those of you who are not familiar with MixW 2.0.. MixW 2.0 is the
Shareware version of our very popular FREEWARE DigiPan and employs the same
easy pulldown menus and easy to read illustrated Help files and easy setup.
Unlike DigiPan Mixw is able to do ALL digital modes such as RTTY, CW, PACKET
VHF /HF, Pactor RX, Amtor RX, Pactor FEC TX/RX, Amtor FEC TX/RX. PSK, QPSK,
FSK31 MT63, MFSK, Throb, Hellschreiber, SSTV, Voice keying (call CQ or
anyother message in your own voice) Contest logging, regular logging, CAT
and Rotator control. plus much more.. Happy Warbling and 73 ... Jim, WA2VOS

1419. Hams & DefCon 9

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-29 16:12:48 UTC
From: Brian Short <k7on@earthlink.net>
Message-ID: <MPG.15a6b9aa83c9f0299896c7@news.earthlink.net>
Source record: 8257

Is anyone (else) thinking of attending DefCon 9?

Would like room sharing arrangement with relatively
"normal" amateur or experimenter.

--
mailto:k7on@earthlink.net >< http://www.qsl.net/k7on/
--

1420. Re: Need Sound Card Programming Info

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-06-30 17:01:16 UTC
From: Fran&#65533;ois Guillet <guillet.francois@wanadoo.fr>
Message-ID: <9hl0hqadj1@wanadoo.fr>
Source record: 8258

Download the Microsoft SDK concerning DirectSound. There is the way for talking to the sound card, step by step. There are C++ samples. It work, I've begun with that.

Fran&#65533;ois F6FLT

Harvey Tetmeyer <k5ljm@mindspring.com> a &#65533;crit dans le message : 9h3d5cjnb1@slb0.atl.mindspring.net...
> Can anyone point me to info on software to talk to a SoundBlaster or similar
> sound card? How do I write code to use the DAC and ADC on these inexpensive
> boards? Where can I find the interface hooks?
>
> Any help would be appreciated. I don't want you to do it for me... just tell
> me where to go! {;>)
>
> Harvey, K5LJM
>
>

1421. APRS Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 00:00:48 UTC
From: "Joe S." <joe@schlatter.org>
Message-ID: <9hlp750q2v@enews2.newsguy.com>
Source record: 8259

I run WinAPRS and have been leaving my station running unattended, including leaving the computer running.. Do I need to leave the computer turned on and running WinAPRS for the TNC to continue to operate in APRS mode? Or, can I turn off the computer, or exit WinAPRS and go to another application while the TNC continues to act like APRS is running?

--

Regards,
Joe Schlatter
http://www.schlatter.org
http://www.miafacts.org
joeNOSPAM@schlatter.org

1422. PK232 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 06:48:27 UTC
From: "Joe S." <joe@schlatter.org>
Message-ID: <9hm6l201rab@enews4.newsguy.com>
Source record: 8260

I recently pulled my old PK232 out of its box and connected it. I was running WinAPRS on it and things were working just fine. Then, I tried to run it on AEA's Pakratt for Windows and could not receive stations on packet.

Then, when I went back to WinAPRS, the PK232 causes my transceiver to transmit just fine but it will not display received stations. The transceiver is receiving stations and the DCD light on the PK232 comes on but nothing displays.

When I disconnect the PK232 and go to my KPC-12, WinAPRS works just fine.

It may be that the PK232 is stuck in the HOST mode. I accessed it through a packet terminal program and issued the command HOST OFF. And, on WinAPRS, I select AEA-EXIT HOST MODE.

Anyone have any ideas? How do I get this thing out of host mode? I have tried removing the battery jumper for a couple of minutes -- maybe I should pull it overnight???

Thanks for any assistance.

--

Regards,
Joe S.
W4HH
joeNOSPAM@schlatter.org.NOSPAM
http://www.miafacts.org
http://www.schlatter.org

1423. Re: PK232 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 10:12:17 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <9hmt29dnu1@uranium.btinternet.com>
Source record: 8261

Joe S. <joe@schlatter.org> wrote in message
news:9hm6l201rab@enews4.newsguy.com...
> I recently pulled my old PK232 out of its box and connected it. I was
> running WinAPRS on it and things were working just fine. Then, I tried to
> run it on AEA's Pakratt for Windows and could not receive stations on
> packet.
>
> Then, when I went back to WinAPRS, the PK232 causes my transceiver to
> transmit just fine but it will not display received stations. The
> transceiver is receiving stations and the DCD light on the PK232 comes on
> but nothing displays.
>
> When I disconnect the PK232 and go to my KPC-12, WinAPRS works just fine.
>
> It may be that the PK232 is stuck in the HOST mode. I accessed it through
a
> packet terminal program and issued the command HOST OFF. And, on WinAPRS,
I
> select AEA-EXIT HOST MODE.
>
> Anyone have any ideas? How do I get this thing out of host mode? I have
> tried removing the battery jumper for a couple of minutes -- maybe I
should
> pull it overnight???
>
> Thanks for any assistance.
>
> --
> ---
>
> Regards,
> Joe S.
> W4HH
> joeNOSPAM@schlatter.org.NOSPAM
> http://www.miafacts.org
> http://www.schlatter.org
>
>

To take the PK232 out of HOST mode type ^AOHON^W (that's Control A &
Control W). Works on mine!

Roger Basford (G3VKM)

1424. Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 16:16:16 UTC
From: pd <pdickson@nospamatt.net>
Message-ID: <010720011217499510%pdickson@nospamatt.net>
Source record: 8262
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

I am trying to install the AX25 support on my Red Hat v7 system and I can not find any recent information. The HOWTO-AX25 is dated 1997, refers to kernel 2.1 as the latest, and gives web URLs that no longer exist.

Does anybody know where there is more recent info about how to install the AX25 kernel support, get the associated utilities, etc?

--
- KB1EHD

1425. Re: PK232 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 16:16:33 UTC
From: "Joe S." <joe@schlatter.org>
Message-ID: <9hnibl0u16@enews3.newsguy.com>
Source record: 8263

Roger:

Thanks for the tip but that does not seem to help.

I have -- as best I can figure -- turned off the host mode and still the PK232 does not display received stations. I am receiving APRS stations. When my transceiver receives a signal, a green LED lights and the signal strength indicator goes full scale -- at the same time, the DCD light on the PK232 comes on and the signal strength bar on the PK232 lights up but no station plot appears.

If I disconnect the PK232 and replace it with my PK12, WinAPRS works just fine.

I cannot determine why the PK232 does not want to display the position and plot of received APRS signals while the PK12 does so with no problem.

--

Regards,
Joe Schlatter
http://www.schlatter.org
http://www.miafacts.org
joeNOSPAM@schlatter.org

Roger Basford <Basford@btinternet.com> wrote in message
news:9hmt29dnu1@uranium.btinternet.com...
>
> Joe S. <joe@schlatter.org> wrote in message
> news:9hm6l201rab@enews4.newsguy.com...
> > I recently pulled my old PK232 out of its box and connected it. I was
> > running WinAPRS on it and things were working just fine. Then, I tried
to
> > run it on AEA's Pakratt for Windows and could not receive stations on
> > packet.
> >
> > Then, when I went back to WinAPRS, the PK232 causes my transceiver to
> > transmit just fine but it will not display received stations. The
> > transceiver is receiving stations and the DCD light on the PK232 comes
on
> > but nothing displays.
> >
> > When I disconnect the PK232 and go to my KPC-12, WinAPRS works just
fine.
> >
> > It may be that the PK232 is stuck in the HOST mode. I accessed it

through
> a
> > packet terminal program and issued the command HOST OFF. And, on
WinAPRS,
> I
> > select AEA-EXIT HOST MODE.
> >
> > Anyone have any ideas? How do I get this thing out of host mode? I
have
> > tried removing the battery jumper for a couple of minutes -- maybe I
> should
> > pull it overnight???
> >
> > Thanks for any assistance.
> >
> > --
> > ---
> >
> > Regards,
> > Joe S.
> > W4HH
> > joeNOSPAM@schlatter.org.NOSPAM
> > http://www.miafacts.org
> > http://www.schlatter.org
> >
> >
>
> To take the PK232 out of HOST mode type ^AOHON^W (that's Control A &
> Control W). Works on mine!
>
> Roger Basford (G3VKM)
>
>

1426. Anyone using a Mac for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 18:28:47 UTC
From: TomR@astro.net
Message-ID: <3b3f6b2c.148778108@news.idsi.net>
Source record: 8264
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Just wondering if anyone is using a Mac for the digital modes.
Seeing as though most devices use serial cable connectors will the
serial to USB adapters allow me to use my say KPC3 + and the
Rigblaster on a Mac if I decide to switch platforms? Any insight
appreciated.

Tom - KB2SMS

1427. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 19:02:15 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9hns3n$ko7$0@216.39.171.5>
Source record: 8265
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Sun, 01 Jul 2001 16:16:16 GMT, pd wrote:
> I am trying to install the AX25 support on my Red Hat v7 system and I
> can not find any recent information. The HOWTO-AX25 is dated 1997,
> refers to kernel 2.1 as the latest, and gives web URLs that no longer
> exist.
>
> Does anybody know where there is more recent info about how to install
> the AX25 kernel support, get the associated utilities, etc?
>

http://www.febo.com/linux-ax25/ has the best information which I have
found on doing this.

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1428. Re: Anyone using a Mac for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 20:25:02 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-ACDDFA.16250201072001@enews.newsguy.com>
Source record: 8266
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <3b3f6b2c.148778108@news.idsi.net>, TomR@astro.net wrote:

> Just wondering if anyone is using a Mac for the digital modes.
> Seeing as though most devices use serial cable connectors will the
> serial to USB adapters allow me to use my say KPC3 + and the
> Rigblaster on a Mac if I decide to switch platforms? Any insight
> appreciated.
>
> Tom - KB2SMS
>

Macnet is the WW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

We stay in touch with each other via Radio, Internet, Telephone, and
actual visits.

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

To join Macnet, send YOUR STATS to mailto:wd1v@mediaone.net and access

* Macnet Member Listing - as the name implies, its "The List" of all of
the hams in the world that are using Macs with their radios. In ZIP CODE
order so you can see your neighbors and get together easily.
ftp://ftp.qsl.net/pub/wd1v/Macnet2001.html

* Macnet Ham Radio Software Listing - "The List" of the latest - much of
it with FTP links so what you see is what you can get with just a click.
http://www.qsl.net/wd1v/Page7.html

* Macnet Software Collections
ftp://ftp.qsl.net/pub/wd1v/
http://www.qrz.com/download/mac/index.html

* For latest Mac versions of the already cool...
http://www.versiontracker.com/

73!
John Seney, WD1V [FN42]
Macnet FISTS #5014 NEWS
QRP ARCI 10345 NE 553
K2 1388

```
`\o
\\/\- *
(_) (_)
http://www.qsl.net/wd1v
```

```
--
John Seney
Scope & Jitter Measurements FAQ
http://www.qsl.net/wd1v
```

1429. Re: Anyone using a Mac for digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-01 23:23:29 UTC
From: TomR@astro.net
Message-ID: <3b3fb0d7.15411571@news.idsi.net>
Source record: 8267
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

On Sun, 01 Jul 2001 16:25:02 -0400, John Seney <wd1v@mediaone.net>
wrote:

>In article <3b3f6b2c.148778108@news.idsi.net>, TomR@astro.net wrote:
>
>> Just wondering if anyone is using a Mac for the digital modes.
>> Seeing as though most devices use serial cable connectors will the
>> serial to USB adapters allow me to use my say KPC3 + and the
>> Rigblaster on a Mac if I decide to switch platforms? Any insight
>> appreciated.
>>
>> Tom - KB2SMS
>>
>
>Macnet is the WW group of Ham Radio Operators that use Mac computers
>to extend their communications capabilities.
>
>We stay in touch with each other via Radio, Internet, Telephone, and
>actual visits.
>
> o Amateur Radio CALL SIGN
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>
>To join Macnet, send YOUR STATS to mailto:wd1v@mediaone.net and access
>
>* Macnet Member Listing - as the name implies, its "The List" of all of
>the hams in the world that are using Macs with their radios. In ZIP CODE
>order so you can see your neighbors and get together easily.
>ftp://ftp.qsl.net/pub/wd1v/Macnet2001.html
>
>* Macnet Ham Radio Software Listing - "The List" of the latest - much of
>it with FTP links so what you see is what you can get with just a click.
>http://www.qsl.net/wd1v/Page7.html
>
>* Macnet Software Collections
>ftp://ftp.qsl.net/pub/wd1v/
>http://www.qrz.com/download/mac/index.html
>
>* For latest Mac versions of the already cool...
>http://www.versiontracker.com/

>
>
> 73!
> John Seney, WD1V [FN42]

Thanks for the info John!

73,
Tom - KB2SMS

1430. Re: PK232 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 01:08:02 UTC
From: Rick and Theresa <n6cy@earthlink.net>
Message-ID: <SPP%6.9559$ck5.992590@newsread2.prod.itd.earthlink.net>
Source record: 8268

Joe,

all of your symptoms/indications so far seem to say your radio to PK232 interface is working okay (good signal strength, apparent good decode of the packets).

How about checking the communications between the PK232 and your computer? Maybe there is a mismatch. Recommend trying to "talk" to the PK232 using your computer's terminal mode, such as hyperterm or equivalent. If you are unsure of how to do this, people on the newsgroup should be more than happy to lend assistance.

Here's a hint: Start the terminal program, set it to the correct COM port, baud rate for the PK232, number of bits etc. The PK232 used to default to 1200 or 2400 EvenParity 7bits 1stop (2400E71) but may be set to some other baud rate such as 4800N81.

If you see the PK232 "start up message" when you subsequently turn the TNC on, you're in business to talk to the PK232 and set it to the settings that the WinAPRS program is expecting. If you see garbled text, there is a synchronization problem between the computer and the PK232. You can usually re-synchronize the PK232 to the computer by typing ASTERISKS (shift-8) at approximately one second intervals.

Hope this helps.

73 Rick N6CY
"Joe S." <joe@schlatter.org> wrote in message
news:9hnibl0u16@enews3.newsguy.com...
> Roger:
>
> Thanks for the tip but that does not seem to help.
>
> I have -- as best I can figure -- turned off the host mode and still the
> PK232 does not display received stations. I am receiving APRS stations.
> When my transceiver receives a signal, a green LED lights and the signal
> strength indicator goes full scale -- at the same time, the DCD light on
the
> PK232 comes on and the signal strength bar on the PK232 lights up but no
> station plot appears.
>
> If I disconnect the PK232 and replace it with my PK12, WinAPRS works just
> fine.
>
> I cannot determine why the PK232 does not want to display the position and
> plot of received APRS signals while the PK12 does so with no problem.

>
> --
>
>
> Regards,
> Joe Schlatter
> http://www.schlatter.org
> http://www.miafacts.org
> joeNOSPAM@schlatter.org
>
> Roger Basford <Basford@btinternet.com> wrote in message
> news:9hmt29dnu1@uranium.btinternet.com...
> >
> > Joe S. <joe@schlatter.org> wrote in message
> > news:9hm6l201rab@enews4.newsguy.com...
> > > I recently pulled my old PK232 out of its box and connected it. I was
> > > running WinAPRS on it and things were working just fine. Then, I
tried
> to
> > > run it on AEA's Pakratt for Windows and could not receive stations on
> > > packet.
> > >
> > > Then, when I went back to WinAPRS, the PK232 causes my transceiver to
> > > transmit just fine but it will not display received stations. The
> > > transceiver is receiving stations and the DCD light on the PK232 comes
> on
> > > but nothing displays.
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> > > When I disconnect the PK232 and go to my KPC-12, WinAPRS works just
> fine.
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> > > It may be that the PK232 is stuck in the HOST mode. I accessed it
> through
> > a
> > > packet terminal program and issued the command HOST OFF. And, on
> WinAPRS,
> > I
> > > select AEA-EXIT HOST MODE.
> > >
> > > Anyone have any ideas? How do I get this thing out of host mode? I
> have
> > > tried removing the battery jumper for a couple of minutes -- maybe I
> > should
> > > pull it overnight???
> > >
> > > Thanks for any assistance.
> > >
> > > --
> > > ---
> > >

> > > Regards,
> > > Joe S.
> > > W4HH
> > > joeNOSPAM@schlatter.org.NOSPAM
> > > http://www.miafacts.org
> > > http://www.schlatter.org
> > >
> > >
> >
> > To take the PK232 out of HOST mode type ^AOHON^W (that's Control A &
> > Control W). Works on mine!
> >
> > Roger Basford (G3VKM)
> >
> >
>
>
>

1431. Re: PK232 Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 01:11:33 UTC
From: Rick and Theresa <n6cy@earthlink.net>
Message-ID: <9TP%6.11393$eL5.1273999@newsread1.prod.itd.earthlink.net>
Source record: 8269

One other way I've seen to break the PK232 out of the host mode is to type a series of CTRL-C's (about three per second).

73 Rick N6CY

"Joe S." <joe@schlatter.org> wrote in message news:9hm6l201rab@enews4.newsguy.com...
> I recently pulled my old PK232 out of its box and connected it. I was
> running WinAPRS on it and things were working just fine. Then, I tried to
> run it on AEA's Pakratt for Windows and could not receive stations on
> packet.
>
> Then, when I went back to WinAPRS, the PK232 causes my transceiver to
> transmit just fine but it will not display received stations. The
> transceiver is receiving stations and the DCD light on the PK232 comes on
> but nothing displays.
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> When I disconnect the PK232 and go to my KPC-12, WinAPRS works just fine.
>
> It may be that the PK232 is stuck in the HOST mode. I accessed it through
a
> packet terminal program and issued the command HOST OFF. And, on WinAPRS,
I
> select AEA-EXIT HOST MODE.
>
> Anyone have any ideas? How do I get this thing out of host mode? I have
> tried removing the battery jumper for a couple of minutes -- maybe I
should
> pull it overnight???
>
> Thanks for any assistance.
>
> --
> ---
>
> Regards,
> Joe S.
> W4HH
> joeNOSPAM@schlatter.org.NOSPAM
> http://www.miafacts.org
> http://www.schlatter.org
>
>
>

1432. Re: APRS Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 01:16:17 UTC
From: Rick and Theresa <n6cy@earthlink.net>
Message-ID: <BXP%6.9600$ck5.991331@newsread2.prod.itd.earthlink.net>
Source record: 8270

If you exit out of WinAPRS and leave the TNC unattended, the TNC memory buffer will fill up with received APRS packet info and not transfer it to the computer. Eventually, you may get a memory buffer full, or equivalent, message. The next time you start WinAPRS, the TNC, I think, will dump all of its stored packet into into the program.

73 Rick N6CY

"Joe S." <joe@schlatter.org> wrote in message
news:9hlp750q2v@enews2.newsguy.com...
> I run WinAPRS and have been leaving my station running unattended,
including
> leaving the computer running.. Do I need to leave the computer turned on
> and running WinAPRS for the TNC to continue to operate in APRS mode? Or,
> can I turn off the computer, or exit WinAPRS and go to another application
> while the TNC continues to act like APRS is running?
>
> --
>
>
> Regards,
> Joe Schlatter
> http://www.schlatter.org
> http://www.miafacts.org
> joeNOSPAM@schlatter.org
>
>
>

1433. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 03:12:53 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9hoos4023gh@enews4.newsguy.com>
Source record: 8271
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"pd" <pdickson@nospamatt.net> wrote in message
news:010720011217499510%pdickson@nospamatt.net...
> I am trying to install the AX25 support on my Red Hat v7 system and I
> can not find any recent information. The HOWTO-AX25 is dated 1997,
> refers to kernel 2.1 as the latest, and gives web URLs that no longer
> exist.

Yes, it's the familiar old story.

Isn't that the old obsolete stuff that still uses the KISS protocol? Unless you are into nostalgia, I can't really see why you would bother with that stuff. It's the latest in Amateur Packet Radio networking from the 1980's.

You could go through all the trouble to hunt down the flakey, poorly documented Linux AX25 stuff that's been obsolete for years, and I guess it WOULD get you on the air, about like a bicycle WOULD eventually get you to work in the morning.

Each to his own, I suppose. Personally, I often wonder why the "open code software" developers that we hear so much about haven't come up with anything for Linux that is any more sophisticated than what Hams generally used to use in the 80's.

Professional programmers sure have! - But they hardly ever bother with Linux, and who could blame them? The compilers for Linux are a joke, their one claim to fame being the fact that they are "free". Guess you get what you pay for, and professional programmers are glad to pay for professional software that allows them a decent shot at productivity.

Knowlegable Hams have learned that "open code software" generally means "buggy, obsolete, poorly written and documented" software. - Like the AX25 stuff for Linux, for example. And , of course, Linux itself.

Unfortunately for Linux users, the only way they can "play" with modern Packet Radio is to set up a serial or ethernet link to a DOS box that handles the radios.

It would be better of course if there was simply something not no outdated that ran under Linux itself, but the "open code software" system has not produced anything worthwhile. - Just a difficult to implement hack that, if set up perfectly, will reward your efforts with third-rate performance from yesteryear.

When "open code software" bots are faced with this question about why "open code" has not delivered anything worthwhile, the standard response is a whine because the real, professional programmers will not hand over their

code to them.

Haw Haw Hawr!

Judging by this response, I'd opine that "open code software" bots are a bunch of no-talent cut 'n pasters who couldn't write any significant, original code if their lives depended upon it.

That would go far in explaining the embarassing obsolescence and retarded documentation common in the "open code" software that you get stuck with, when you try to use Linux for Ham Radio. - Or anything else.

Seems to me that a lot of folks are paying a big price for being cheap. I feel sorry for Hams who have listened to the Linux hype thats been going around for years, and eventually end up wasting their money and taking up valuable hard-drive space for crappy , poorly implemented software.

Why don't the Linux folks either come up with something decent, of admit that they are promoting the use of crap?

73 DE Charles, N5PVL

>
> Does anybody know where there is more recent info about how to install
> the AX25 kernel support, get the associated utilities, etc?
>
> --
> - KB1EHD

1434. GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 04:55:02 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B3FFEA2.4060209@dioxine.com>
Source record: 8272
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

There are easier ways to get attention than...

Charles Brabham wrote:

> Professional programmers sure have! - But they hardly ever bother with
> Linux, and who could blame them? The compilers for Linux are a joke, their

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

> one claim to fame being the fact that they are "free". Guess you get what
> you pay for, and professional programmers are glad to pay for professional
> software that allows them a decent shot at productivity.

... spouting such ridiculously ignorant things.

GCC a joke?

I'm not an Open Source Zealot, in fact, I have many criticisms
of the Open Source religion, but GCC is one of the unmitigated
success stories in Open Source history.

Next thing you'll tell us that Apache is a joke, too.

You might take a moment or two to look at the IBM
Linux page: http://www-1.ibm.com/linux/

Dana K6JQ
dana@dioxine.com

1435. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 05:22:07 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3B4004FF.73DF92D5@amsat.org>
Source record: 8273
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Nawwww....He's too full of himself to bother.

1436. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 05:43:08 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <MRT%6.418994$oc7.59332585@news2.rdc2.tx.home.com>
Source record: 8274
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

AIX is a much better OS than Linux, but I see where IBM
is value-adding the Linux into the OS, so the software can
be compiled and go, rather than the hours spent porting this
or that code. I have installed the new AIX 5.0 on one machine
and it is AIX 4.3 with the Linux goodies. I just got the fresh
AIX 5.1 so expect to find another well done product.

The only thing I program in C anymore is the Linux box, that's
because all the cheap C compilers have gotten fat and pricey
for the DOS and Win-DOS machines. Borland used to be
cheap and good, but they are for professionals unless you get
a stripped-down version. Don't get me wrong, I love my
Microsoft OS stuff (Office, Street Atlas, Media Player, etc),
but I could never complete anything that didn't use Visual Basic
as the GUI base, and the C would have to integrate with that.

If you want to see what Linux is good for (would be a nice
thing to hook a radio to :-) take a look at:

http://www.galleo.com/

It's a handheld Linux machine from Palestine.

Remember, Bill Gates said the Web browser IS the new
Windows. Only Janet Reno didn't understand that.

"Dana H. Myers" <dana@dioxine.com> wrote
>
> GCC a joke?
>
> I'm not an Open Source Zealot, in fact, I have many criticisms
> of the Open Source religion, but GCC is one of the unmitigated
> success stories in Open Source history.
>
> Next thing you'll tell us that Apache is a joke, too.
>
> You might take a moment or two to look at the IBM
> Linux page: http://www-1.ibm.com/linux/
>
> Dana K6JQ

1437. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 05:48:04 UTC
From: Henry Worth <haworth@ncal.verio.com>
Message-ID: <3B400BB6.4896F08F@ncal.verio.com>
Source record: 8275
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

pd wrote:
>
> I am trying to install the AX25 support on my Red Hat v7 system and I
> can not find any recent information. The HOWTO-AX25 is dated 1997,
> refers to kernel 2.1 as the latest, and gives web URLs that no longer
> exist.
>
> Does anybody know where there is more recent info about how to install
> the AX25 kernel support, get the associated utilities, etc?
>

Try <http://hams.sourceforge.net>. A net search might find
some other resources.

1438. 10 meter beam free. needs some work. 4 elemen. also old cornel dubler rotor. email wa8apd@arrl.org

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 11:00:07 UTC
From: tashton@gcfn.org
Message-ID: <9hpk7nbvf1@acme.gcfn.org>
Source record: 8276

```
4 element 10 meter beam. needs one new clamp. also cornel dubler rotor.
both free for picking up. contact wa8apd@arrl.org

t ashton
--
Tom
```

1439. Tiny-2 Manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 11:54:35 UTC
From: Brad Nicholson <ka9wrz@techinter.com>
Message-ID: <3B4060FB.5C03A4CD@techinter.com>
Source record: 8277

Looking for a manual for a Tiny-2 by Paccom that I acquired at a hamfest. Naturally, no manual was available at the time of purchase.

An alternative would be someone that is familiar with this unit that could sort of guide me thru getting it set up. I seem to be getting power, but no communications the the computer from the TNC. Have a feeling it may be related to a flashing light on the front panel of the TNC labeled "STA".

Once I get things communicating, I think I can move forward from there, but am a Baycom user, so this is kind of new to me!

Thanks

Brad
ka9wrz@techinter.com

1440. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 12:47:57 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9hpqie07v6@enews4.newsguy.com>
Source record: 8278
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Steve Sampson" <k5okc@home.com> wrote in message
news:MRT%6.418994$oc7.59332585@news2.rdc2.tx.home.com...
>
> The only thing I program in C anymore is the Linux box, that's
> because all the cheap C compilers have gotten fat and pricey
> for the DOS and Win-DOS machines. Borland used to be
> cheap and good, but they are for professionals unless you get
> a stripped-down version. Don't get me wrong, I love my
> Microsoft OS stuff (Office, Street Atlas, Media Player, etc),
> but I could never complete anything that didn't use Visual Basic
> as the GUI base, and the C would have to integrate with that.
>

How about Visual C++ ? - Or Borland's C++ Builder?

The C++ compiler in Linux is a real joke. - That's part of why Linux bots do not traditionally go for C++. There are other reasons, of course.

Borland has a released a non-gui (command line) version of C++ Builder as a freebee, and third-party developers have come up with a few gui interfaces for that. - But unfortunately those homebrew gui's just don't stack up against what you would find in Visual Basic or Visual C++.

I'll bet the full-boat, gui version of C++ Builder is a lot better, but dunno for sure as I haven't seen it yet. It's gui interface would have to be pretty lousy NOT to be better than the homebrew stuff, and with me at least, Borland has a great reputation. My first Borland "Turbo Pascal" compiler ran in a KayPro II CP/M machine, many moons ago, and (so far) I have never regretted tossing money down on the counter and going home with their software.

You can write standard Antsy C code with any of the C++ compilers, of course, - but when you need all that gui stuff, it's in there there waiting for you.

Yes, I like VB too. My copy is old, the 4.0 Professional version, but I still have a heck of a lot of fun with it. I've thought about upgrading to version 6.0, but so far I have managed to get by without "tool tips", the Application Whizzard, and the other bells 'n whistles to be had in that version.

Lately though, I've become interested in working with embedded PC's, and regular old C strikes me as the best approach for coming up with most applications for those cute little things.

Charles Brabham, N5PVL

1441. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 12:59:58 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9hpr8v08l6@enews4.newsguy.com>
Source record: 8280
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3B3FFEA2.4060209@dioxine.com...
> There are easier ways to get attention than...
>

Claiming that standard Antsy C is useful for writing modern software.

Sorry, but most folks expect a gui interface these days, and they want it to work in the Windows platform.. Wake up and smell the coffee.

Charles Brabham, N5PVL

1442. Re: Tiny-2 Manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 13:42:43 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <WaTWoIAdpHQ7EwHp@peaksys.co.uk>
Source record: 8279

In article <3B4060FB.5C03A4CD@techinter.com>, Brad Nicholson
<ka9wrz@techinter.com> writes
>Looking for a manual for a Tiny-2 by Paccom that I acquired at a
>hamfest. Naturally, no manual was available at the time of purchase.
>
>An alternative would be someone that is familiar with this unit that
>could sort of guide me thru getting it set up. I seem to be getting
>power, but no communications the the computer from the TNC. Have a
>feeling it may be related to a flashing light on the front panel of the
>TNC labeled "STA".

If STA is flashing at a regular speed, it means there's mail in the
TNC's PMS.

As a starting point, use a simple terminal program to try and connect to
the TNC, and make sure the program is using the same baud rate as the
TNC. The terminal baud rate of a Tiny-2 is set my moving a jumper on a
header behind the front panel, so if you remove the front panel you can
check the setting. There are two headers - one for the terminal baud
rate and one for the RF baud rate - and they are labelled.

There is a list of the Tiny-2 commands on Paccomm's web site -
http://www.paccomm.com/cmdrefcrd.html

Whether the TNC supports all the commands in the list depends on the
firmware version.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1443. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 16:01:37 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B409ADF.4020605@dioxine.com>
Source record: 8281
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham wrote:

> "Dana H. Myers" <dana@dioxine.com> wrote in message
> news:3B3FFEA2.4060209@dioxine.com...
>
>>There are easier ways to get attention than...
>>
>>
>
> Claiming that standard Antsy C is useful for writing modern software.
>
> Sorry, but most folks expect a gui interface these days, and they want it to
> work in the Windows platform.. Wake up and smell the coffee.

Ah, so you're talking about GUI and IDE support, not compilers?
You know, there is a way to produce a GUI interface that works on
Windows and any other OS (including the increasingly popular
non-Windows embedded devices) - speaking of coffee.

I suppose if we were talking about Windows application programming,
you'd have a point. The original question was "how do I get the
Linux AX.25 stuff running", which has nothing to do with Windows or
GUI, and you answered with a sweeping condemnation of Linux and GCC.
Now you're attempting to change the discussion to something else
entirely.

Dana K6JQ
dana@dioxine.com

1444. Lest I forget: GUIs that aren't Windows (was Re: GCC a joke? (was Re: Newer AX25 support in Linux))

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 17:49:09 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B40B412.1040308@dioxine.com>
Source record: 8282
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Dana H. Myers wrote:

> You know, there is a way to produce a GUI interface that works on
> Windows and any other OS (including the increasingly popular
> non-Windows embedded devices) - speaking of coffee.

Perhaps I should clarify here; there are at least two ways to
produce GUIs that are independent of the underlaying platform
in common use today.

One of them is almost too obvious - develop GUIs using mark-up
language. This is already commonly used in many, many products
and projects; an application includes a simple HTTP server and
presents an interface using HTML. It is not difficult and buys
many advantages in one fell swoop; any kind of device that can
render HTML can present the GUI and the architecture inherently
scales with a network. The potential disadvantage is that the
intermediate network has a profound influence on the performance
of the GUI.

Another method of producing a platform-independent GUI is
to develop a GUI using a platform-independent run-time; while
Microsoft is making noise about C# and .Net, Java is already
in wide deployment, even on smaller (wireless) devices. For
those not familiar with Java 2 Micro Edition (J2ME), it is
the basis of the wildly successful NTT DoCoMo 'i-appli' service,
it is included in the Motorola i85s and i50s iDEN handsets, and
Nokia announced broad support for J2ME a few weeks ago - not to
mention Siemens and a healthy list of other handset makers.

At JavaOne this year, I was delighted to see a demo of a fully
MIDP-compliant video player from HelloNetwork running on an i85s,
rendering a real-time video stream via the Nextel network, and then
the HelloNetwork guys installed the exact same binary on the
newly-announced Nokia J2ME handset - where the video player worked
flawlessly.

What started this discussion was a question about running
Linux AX.25 kernel-level code, and an answer was "the compilers
on Linux are a joke", followed by a snide comment about "Antsy C".
Of course professionals build kernel-level code with C and C++,
and GCC has evolved into a high-quality tool over a period of 15 years.
Criticising GCC for something it isn't - a turnkey GUI development
tool - made no sense.

Further, the world of client implementations is rather quickly evolving to primarily embrace non-Windows architectures. There are alternatives to building Windows apps that are forever tied to Windows platforms, and it isn't just religion that makes this appealing.

Dana K6JQ
dana@dioxine.com

1445. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 18:57:11 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107021847330.467-100000@exp.bde-arc.ampr.org>
Source record: 8283
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Sun, 1 Jul 2001, Charles Brabham wrote:
> "pd" <pdickson@nospamatt.net> wrote in message
> news:0107200011217499510%pdickson@nospamatt.net...
> > I am trying to install the AX25 support on my Red Hat v7 system and I
> > can not find any recent information. The HOWTO-AX25 is dated 1997,
> > refers to kernel 2.1 as the latest, and gives web URLs that no longer
> > exist.
>
> Yes, it's the familiar old story.
>
> Isn't that the old obsolete stuff that still uses the KISS protocol? Unless
> you are into nostalgia, I can't really see why you would bother with that
> stuff. It's the latest in Amateur Packet Radio networking from the 1980's.

Linux is not limited to KISS. It also supports "6Pack." It may support even
more stuff, but I haven't checked recently.

> You could go through all the trouble to hunt down the flakey, poorly
> documented Linux AX25 stuff that's been obsolete for years, and I guess it
> WOULD get you on the air, about like a bicycle WOULD eventually get you to
> work in the morning.
>
> Each to his own, I suppose. Personally, I often wonder why the "open code
> software" developers that we hear so much about haven't come up with
> anything for Linux that is any more sophisticated than what Hams generally
> used to use in the 80's.
>
> Professional programmers sure have! - But they hardly ever bother with
> Linux, and who could blame them? The compilers for Linux are a joke, their
> one claim to fame being the fact that they are "free". Guess you get what
> you pay for, and professional programmers are glad to pay for professional
> software that allows them a decent shot at productivity.

Clearly incorrect. I know of many professionals that use Linux. Because of its
"open source" and ease of portability from other Unices, it's a better platform
that those buggy Microsoft OS's.

> Knowlegable Hams have learned that "open code software" generally means
> "buggy, obsolete, poorly written and documented" software. - Like the AX25
> stuff for Linux, for example. And , of course, Linux itself.

Knowledgable hams also know well enough not to listen to you. Many of the
programs for Linux are quite well documented.

> Unfortunately for Linux users, the only way they can "play" with modern
> Packet Radio is to set up a serial or ethernet link to a DOS box that
> handles the radios.

So I guess that the Linux box I have that has 5 radios connected to it is an abhoration?

> It would be better of course if there was simply something not no outdated
> that ran under Linux itself, but the "open code software" system has not
> produced anything worthwhile. - Just a difficult to implement hack that, if
> set up perfectly, will reward your efforts with third-rate performance from
> yesteryear.

Simply not true. Many applications that used to be "Windows only" have been ported over to both Linux and the Apple lineage of machines.

> When "open code software" bots are faced with this question about why "open
> code" has not delivered anything worthwhile, the standard response is a
> whine because the real, professional programmers will not hand over their
> code to them.

> Judging by this response, ...

Yes, judging by this response, you're an expert only in your own mind.

1446. S&F Partner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 19:56:37 UTC
From: Ingo Maywald <Ingo.Maywald@t-online.de>
Message-ID: <9hqjlt$k5s$02$1@news.t-online.com>
Source record: 8284

Hallo Leute!

Ich suche noch jemanden, der mit mir S&F macht per E-Mail.
Ich bin aus Leverkusen/NRW, mein call ist IM3LEV,
mein Boxcall ist IM3BOX. Mein LOC ist JO31LB.
Ich wï¿½rde mich auf antwort freuen.
Man kann mich unter IM3LEV@web.de erreichen.
Bis dann mal.

73 de Ingo (IM3LEV)

1447. Re: S&F Partner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 20:17:58 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9k1lnm.ncb.nomail@linux.pe1chl.ampr.org>
Source record: 8285

Ingo Maywald <Ingo.Maywald@t-online.de> wrote:
>Hallo Leute!

>Ich suche noch jemanden, der mit mir S&F macht per E-Mail.
>Ich bin aus Leverkusen/NRW, mein call ist IM3LEV,

Strange call for someone from NRW... in my handbook, IM is assigned to
Italy.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1448. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-02 22:23:14 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9hqs9901enr@enews4.newsguy.com>
Source record: 8286
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3B409ADF.4020605@dioxine.com...
>
> Now you're attempting to change the discussion to something else
> entirely.

You are welcome of course to limit your discussion in whatever way you wish.

Charles Brabham, N5PVL

1449. Why NEC Denies Access ????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-03 06:26:28 UTC
From: jfenn@lava.net
Message-ID: <9hroik$575$5@mochi.lava.net>
Source record: 8287

Date: Mon, 2 Jul 2001 18:23:09 -1000 (HST)
From: LavaNet Technical Support <support@lava.net>
To: Joseph Fenn <jfenn@lava.net>
Cc: support@lava.net
Subject: Re: ACCESS FORBIDDEN

Hello Joesph,
It appears that the site... http://necckbinfo.neccomp.com is only allowing
certain IP's to access their site. I tried accessing this webpages from
different ISP's and I get the same result. So it's not only LavaNet
customers that are being affected or blacklisted. It seems that site
operators are being picky on who they allow into their website..
Cary.

On Sat, 30 Jun 2001, Joseph Fenn wrote:
See following msg. When try to access the URL below all I
get is "access forbidden". Also a comment to check with your
server as "they may have this site on a blocked access list".

---------- Forwarded message ----------
Date: Sat, 30 Jun 2001 00:12:30 -0600
From: AHATCH@magna.alorica.com
To: jfenn@lava.net
Subject: RE: Upgrade Bios Version
Joseph,
Thank you for your email regarding your BIOS / Cmos issue.
There is only 1 bios upgrade for this system. You may access it at:
---
http://necckbinfo.neccomp.com/kbtools/drivers/Drivers.asp

Good luck.

Angeline

Angeline
See the above from our ISP. Apparently NEC is high nosed about
which if any users are permitted access to their site you quoted.
Our ISP people tried from several places and all rejected on that
particular URL you gave (see above) so its not just one site they
reject and edny access ??**!!*@ furiners!!!
Joe

****
* Ham KH6JF MARS QCWA WW2 VET WD RADIO *
****

1450. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-03 14:41:36 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <t6m3kt08ui7lpdevsvjh3ef08jhatf4a1c@4ax.com>
Source record: 8288
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1451. APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-03 21:06:02 UTC
From: rbarrios@gmx.net
Message-ID: <ab7385fd.0107031306.499abd7@posting.google.com>
Source record: 8289

Hi,

There is a small APRS transmitter sitting on my desk that amazes me.
Inside, there is only a PIC16F84 running at 10Mhz, resistors and
transistors. It DOES NOT HAVE a MX164, TM3105 or any other modem IC.
The PIC is code-protected and I can not read it. I wonder how the PSK
signals is generated only with the hardware inside the pic. It works
great and is REALLY SIMPLE.

ï¿½Does anyone know can that be possible?
ï¿½Anyone has the firmware for the pic?

It would be small and cheap for anyone if we could get the PIC
program...

Thanks everyone.

1452. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-03 21:20:14 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B42370D.7030101@dioxine.com>
Source record: 8290

EB4EQA wrote:

> Hi,
>
> There is a small APRS transmitter sitting on my desk that amazes me.
> Inside, there is only a PIC16F84 running at 10Mhz, resistors and
> transistors. It DOES NOT HAVE a MX164, TM3105 or any other modem IC.
> The PIC is code-protected and I can not read it. I wonder how the PSK
> signals is generated only with the hardware inside the pic. It works
> great and is REALLY SIMPLE.
>
> ï¿½Does anyone know can that be possible?
> ï¿½Anyone has the firmware for the pic?

I know how it is possible, it's fairly trivial to build
a direct-synthesis audio modulator for FSK (APRS uses Bell 202
1200 baud FSK) and send a data stream. I've done it on an
8051 years ago, and later on, did it in C on a PC. Really
not that hard to do but certainly outside the scope of a
Usenet posting.

No, I don't have PIC code to do it, but, once you understand
DDS, it's easy to do. You have a sine lookup table of particular
size, and generate a stream of audio samples by looking up every
N-th entry of the sine table. The value of N, the increment, is
what controls the frequency of the resulting data stream.

To send a packet signal, you need to create the data packets,
then convert them to HDLC, and use the resulting bit-stream to
control the increment used in the sine lookup table.

It sounds complicated, but it's not that difficult, you just
have to understand one part at a time. I'd suggest looking
for "Music Applications of Microprocessors", a terric volume
on audio generation and filtering, really a DSP text in disguise
without the brain-twisting math.

For AX.25, you'll need the downloadable AX.25 2.1 Specification
from http://www.arrl.org/ or maybe http://www.tapr.org

For APRS, you'll need the APRS spec from TAPR.

For the X.25 bit encoding, the AX.25 spec may be enough, otherwise,
a datasheet for an SCC chip is pretty good (Z8530 or somesuch).

Dana K6JQ
dana@dioxine.com

> It would be small and cheap for anyone if we could get the PIC
> program...
>
> Thanks everyone.
>

1453. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 08:35:15 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9k5la3.6lp.nomail@linux.pe1chl.ampr.org>
Source record: 8291

Dana H. Myers <dana@dioxine.com> wrote:

>To send a packet signal, you need to create the data packets,
>then convert them to HDLC, and use the resulting bit-stream to
>control the increment used in the sine lookup table.

>It sounds complicated, but it's not that difficult, you just
>have to understand one part at a time.

Indeed. The problem "how do I send out my position out a parallel port
that has only a couple of resistors wired to it and be compatible with
other sending APRS via a TNC" sounds almost impossible to solve.
But the problem can be split into many "layers" that all are simple, but
each has some nasty details you should get exactly right.

APRS
AX.25 UI frame
HDLC frame with CRC
Flags and bit-stuffing
NRZI encoding
Sine wave synthesis

This will make it a bit difficult to implement and test. But it has been
done in other environments as well (e.g. packet via a soundcard) so it is
possible to look at other people's solutions.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1454. MacAprs and TCP does not work. Help !!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 10:02:07 UTC
From: I=?ISO-8859-1?B?8Q==?=igo <dato@euskalnet.net>
Message-ID: <B768B63F.2153%dato@euskalnet.net>
Source record: 8292

Hello,

I am trying to connect to an APRS Server via internet but it does not work.
It displays "TCP OPEN FAILED" in red colour on the bottom of the screen.
It happens with any server. I have already put the TGP Extension in the
extensions folder.

I am using iBook System 9 and G3 Blue System 9.1.

Any idea about it ? I would like to see if it really works before
registering the program.

Waiting for help, better by direct email:

dato@euskalnet.net

73-s de EB2DTP

1455. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 10:38:32 UTC
From: Christian Garms <c.garms@paradise.net.nz>
Message-ID: <m266d9dlnb.fsf@tiger.wgnetz.de>
Source record: 8294
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Charles Brabham" <n5pvl@the-i.net> writes:

> How about Visual C++ ? - Or Borland's C++ Builder?

What has this to do with *linux* ?

Please do not feed the trolls.

--
regards,
Christian mailto:c.garms@paradise.net.nz

1456. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 10:43:55 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <pcs5kt8o1o263sk7ul3a7kteopa6o1832e@4ax.com>
Source record: 8293

On 4 Jul 2001 08:35:15 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>Indeed. The problem "how do I send out my position out a parallel port
>that has only a couple of resistors wired to it and be compatible with
>other sending APRS via a TNC" sounds almost impossible to solve.
>But the problem can be split into many "layers" that all are simple, but
>each has some nasty details you should get exactly right.

> APRS
> AX.25 UI frame
> HDLC frame with CRC
> Flags and bit-stuffing
> NRZI encoding
> Sine wave synthesis

>This will make it a bit difficult to implement and test. But it has been
>done in other environments as well (e.g. packet via a soundcard) so it is
>possible to look at other people's solutions.

Have a look at the PMP (Poor Man's Packet) program for MS-DOS. It implemented all the higher levels and generated a binary output signal for the parallel port to drive an external FSK modem, so the only thing "missing" is the sine wave synthesis.

It should be noted that in Bell 202 used for 1200 bit/s packet, the mark frequency is 1200 Hz, thus, a single bit will be represented by a single complete audio cycle. The space frequency is 2200 Hz, thus one space bit generates nearly (but not exactly) two audio cycles at 2200 Hz. This means that the audio waveform zero crossings do not generally occur when the data bit is changing, thus, it is essential, that the phase continuity is maintained during bit switching.

This can be done with the NCO (Numerically Controlled Oscillator) principle used in DDS. In this a sample clock is running at least twice the highest audio frequency and at each sample, a constant is added to the phase accumulator. Using a larger constant will advance the phase accumulator faster, thus generating a higher frequency. Just generate sin(x) from the contents of the phase accumulator e.g. using a small lookup table and run the result through a DAC (e.g. a few resistors connected to some output ports) and run the audio signal through a reconstruction (RC low pass) filter to get a more or less sinusoidal wave.

The question is a bit complicated what sampling clock frequency should be used for the NCO. On one hand, it must be at least twice the highest frequency (2200 Hz), so in principle 4400 Hz would be

sufficient, however, to simplify reconstruction filter requirement, it should be higher. In this case, it would be nice to be able to generate the 1200 Hz bit clock from the NCO sample clock. Thus, 4800 or 9600 Hz might be good choices.

If the sample clock is running at say, 9600 Hz, it is a good idea to output the new output value (calculated but activated during the previous interrupt) to the DAC at the beginning of the timer interrupt. At every 8th interrupt the higher protocol levels are processed 1200 times each second. Thus, the DAC output is updated at regular intervals regardless how long the rest of the interrupt service routine executes.

A 6.6 kHz NCO clock rate might also be useful (5x2.2 or 5.5x1.2 kHz), but in this case, only every 11th interrupt will handle the higher levels 600 times each second, so two bits should be generated during this execution.

When simulating what sample values a particular DDS will generate, the output may look quite horrifying, but remember, it is followed by a reconstruction filter (a low pass filter), thus reconstructing "missing" sine wave peaks etc.

While it may be easier to use that layered approach as Rob suggested, in which is easy to split between the higher and lower levels by putting the higher layers into normal programs and only putting the one or two lowest levels into an interrupt service routine, it is, however, quite feasible to do all those things in an interrupt service routine. This saves RAM space, since buffers do not have to be allocated for the intermediate layers. Thus, the only things the highest level has to do is to get the positional information from external sources (such as GPS) and convert them into the obscure units used by APRS :-).

In order to avoid overloading the 8th or 11th interrupt, multiple sample clock interrupts during a single bit time can be used to do parts of the high level work.

I have no idea, if this particular processor supports interrupts, but similar results can be obtained even if the routine is activated after a free running hardware counter has reached predefined values.

Paul OH3LWR

1457. PSK soundcard help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 17:06:39 UTC
From: trg150@aol.com
Message-ID: <20010704130639.11519.00004534@ng-fc1.aol.com>
Source record: 8295

I just reloaded all my software on my computer - including Windows ME

Now, all of my PSK programs will only receive from the SOUNDCARD MICROPHONE IN

If I connect the audio out from the XCVR to the LINE INPUT - the PSK program receives nothing - I know the audio is going into the card because I can here what I am receiving through the speakers connected to AUDIO OUT.

I prefer to use LINE-IN - its much less sensitive than MICROPHONE IN - in addition some of the DSP audio programs worked well with LINE - IN -- but now - LINE in doesnt work with any programs.

Any ideas what I can do to use LINE IN like I used to???

Ive tried setting all the levels on the audio control panel but nothing there gets the audio to the program when using LINE IN.

Thanks

1458. Re: PSK soundcard help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 18:23:30 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tk6np99rf9c31a@corp.supernews.com>
Source record: 8296

In the sound card mixer control panel there should be check boxes to
let you select mike in or line in and there should be a level control
for each.

1459. Re: PSK soundcard help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-04 18:25:17 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <GoTykUAd+1Q7EwG+@peaksys.co.uk>
Source record: 8297

In article <20010704130639.11519.00004534@ng-fc1.aol.com>, TRG150
<trg150@aol.com> writes
>I just reloaded all my software on my computer - including Windows ME
>
>Now, all of my PSK programs will only receive from the SOUNDCARD MICROPHONE IN
>
>If I connect the audio out from the XCVR to the LINE INPUT - the PSK program
>receives nothing - I know the audio is going into the card because I can here
>what I am receiving through the speakers connected to AUDIO OUT.
>
>I prefer to use LINE-IN - its much less sensitive than MICROPHONE IN - in
>addition some of the DSP audio programs worked well with LINE - IN -- but now -
>LINE in doesnt work with any programs.
>
>Any ideas what I can do to use LINE IN like I used to???

Double-click the Windows volume control in the systray. Select Options,
Properties, Recording. Make sure Line is selected, and that the volume
is at a reasonable level.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1460. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-05 06:16:44 UTC
From: Unclaimed Mysteries <k4doh@mindspring.com>
Message-ID: <3B44064C.5040803@mindspring.com>
Source record: 8298
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham provided me with absolutely no .sig file material by
writing in part:

>
>Each to his own, I suppose. Personally, I often wonder why the "open
>code software" developers that we hear so much about haven't come up
>with anything for Linux that is any more sophisticated than what Hams
>generally used to use in the 80's.
>

Until the wave in soundcard-based digital modes, hardly anything in the
dreary, moribund world of ham radio was worth the attention of Linux
developers. Nevertheless, here is one collection of Linux ham
software: http://radio.linux.org.au/.

By the way, WTF is "open code software?"

>Professional programmers sure have! - But they hardly ever bother with
>Linux, and who could blame them? The compilers for Linux are a joke,
>their one claim to fame being the fact that they are "free". Guess you
>get what you pay for, and professional programmers are glad to pay for
>professional software that allows them a decent shot at productivity.
>

False, but an excellent example of the redneck logic that typifies ham
radio.

>
>Knowlegable Hams have learned that "open code software" generally means
>"buggy, obsolete, poorly written and documented" software. - Like the
>AX25 stuff for Linux, for example. And , of course, Linux itself.
>

You left out how Linux is Un-Amurrican and Commie-inspired. Forget your
talking points today?

The Astroturfers are getting skeered.

73 Corry K4DOH

--
It Came From C. L. Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net/

Sean Ormond wrote: "Do this for me Corry...Next time you conveniently
get from point A to point B using a gas-powered vehicle (I'm guessing
this will happen in less than 24 hrs), go ahead and drop to your knees

and give a little prayer to Gaia, the Fairy Queen, or whatever it is you nut-jobs worship. You can thank her for schools like Georgia Tech, where students learn how to do something other than hug trees and hate America for a living."

1461. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-05 08:01:33 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107050800500.5497-100000@exp.bde-arc.ampr.org>
Source record: 8299
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Thu, 5 Jul 2001, Unclaimed Mysteries wrote:
> Charles Brabham provided me with absolutely no .sig file material by
> writing in part:
>
> >
> >Each to his own, I suppose. Personally, I often wonder why the "open
> >code software" developers that we hear so much about haven't come up
> >with anything for Linux that is any more sophisticated than what Hams
> >generally used to use in the 80's.
> >
>
> Until the wave in soundcard-based digital modes, hardly anything in the
> dreary, moribund world of ham radio was worth the attention of Linux
> developers. Nevertheless, here is one collection of Linux ham
> software: http://radio.linux.org.au/.
>
> By the way, WTF is "open code software?"

Apparently, he's unaware that it's also "open source" software - since I guess that he's only seen precompiled (but free) versions of it.

> >Professional programmers sure have! - But they hardly ever bother with
> >Linux, and who could blame them? The compilers for Linux are a joke,
> >their one claim to fame being the fact that they are "free". Guess you
> >get what you pay for, and professional programmers are glad to pay for
> >professional software that allows them a decent shot at productivity.
> >
>
> False, but an excellent example of the redneck logic that typifies ham
> radio.
>
> >
> >Knowlegable Hams have learned that "open code software" generally means
> >"buggy, obsolete, poorly written and documented" software. - Like the
> >AX25 stuff for Linux, for example. And , of course, Linux itself.
> >
>
> You left out how Linux is Un-Amurrican and Commie-inspired. Forget your
> talking points today?
>
> The Astroturfers are getting skeered.

1462. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-05 13:51:21 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <th_07.5900$Fy3.528489@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8300
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3B3FFEA2.4060209@dioxine.com...
> There are easier ways to get attention than...
>
> Charles Brabham wrote:
>
>
> > Professional programmers sure have! - But they hardly ever bother with
> > Linux, and who could blame them? The compilers for Linux are a joke, their
>
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>
>
> > one claim to fame being the fact that they are "free". Guess you get what
> > you pay for, and professional programmers are glad to pay for professional
> > software that allows them a decent shot at productivity.
>
> ... spouting such ridiculously ignorant things.
>
> GCC a joke?

Speaking as a professional programmer who has done cross-platform
development on many different flavors of Unix ... GCC is not near
as good as using compilers specific to the target architecture.
e.g. the Intel reference compiler for X86, Sun's compilers for SPARC, etc.

> I'm not an Open Source Zealot, in fact, I have many criticisms
> of the Open Source religion, but GCC is one of the unmitigated
> success stories in Open Source history.

The fact that it is a "fairly good" compiler with "quite good" retargetting
is the big plus ... unless you need to squeeze that last cycle out of
your instruction stream.

> Next thing you'll tell us that Apache is a joke, too.

Excellent server ... if you have or are willing to hire the support staff.

> You might take a moment or two to look at the IBM
> Linux page: http://www-1.ibm.com/linux/

In my opinion this is the best thing to happen to the open source
movement in many years.

Sure wish someone would fix the Linux AX.25 and NET/ROM code though.
It is a mess, and in particular the NET/ROM code has serious protocol errors,

as does the BBS code that uses it. Good "first try", but needs a lot of work.

Maybe I'll take on that project once I'm done with the current project.

--

... Hank

http://horedson.home.att.net

1463. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-05 15:38:48 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B448A06.1030409@dioxine.com>
Source record: 8201
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Hank Oredson wrote:

> "Dana H. Myers" <dana@dioxine.com> wrote in message
> news:3B3FFEA2.4060209@dioxine.com...
>
>>There are easier ways to get attention than...
>>
>>Charles Brabham wrote:

>>>Professional programmers sure have! - But they hardly ever bother with
>>>Linux, and who could blame them? The compilers for Linux are a joke, their
>>>

>>GCC a joke?
>>
>
> Speaking as a professional programmer who has done cross-platform
> development on many different flavors of Unix ... GCC is not near
> as good as using compilers specific to the target architecture.
> e.g. the Intel reference compiler for X86, Sun's compilers for SPARC, etc.

Sure, Hank, gcc is not without warts, but it is a far cry from a
"joke". However, the difference between gcc and many "reference"
compilers is not as broad as you might suggest; certainly, Intel
has invested a fair bit of cash in IA-64 for gcc, and gcc was
well-supported for the i960 family.

I know of a number of modules shipped in real products built with
gcc.

>>I'm not an Open Source Zealot, in fact, I have many criticisms
>>of the Open Source religion, but GCC is one of the unmitigated
>>success stories in Open Source history.
>>
>
> The fact that it is a "fairly good" compiler with "quite good" retargetting
> is the big plus ... unless you need to squeeze that last cycle out of
> your instruction stream.

Again, sure, but few people that I've encountered in the last decade are
much concerned about extreme optimization, particularly since CPUs have
become considerably faster. In fact, the time/effort required to optimize
compilers is often not justified when one can simply wait 6 months and
get a new CPU that sports a much greater performance increase than any
optimizer enhancement could provide.

GCC is an unmitigated success story, no two ways about it.

>>Next thing you'll tell us that Apache is a joke, too.
>>
>
> Excellent server ... if you have or are willing to hire the support staff.

In general, I agree with you Hank, most open source projects require at
least
one development expert to be available, however, specifically for Apache, I
believe you're exagerating or perhaps basing your comment on a much older
release of the server.

IBM, Sun and others have been actively supporting Apache for several years,
and the stability of the server has been considered outstanding for at
least as
long.

Again, I'm not disagreeing with you in general, but I am specifically
pointing out that the most successful of the Open Source projects have
garnered enough commercial productization support that they're fairly
well-supported.

>>You might take a moment or two to look at the IBM
>>Linux page: http://www-1.ibm.com/linux/
>>
>
> In my opinion this is the best thing to happen to the open source
> movement in many years.

Hardware makers have been the primary corporate sponsors of open
source software, really; though the Linux start-ups have invested a
fair bit, they're not behind the increased perception of quality.

> Sure wish someone would fix the Linux AX.25 and NET/ROM code though.
> It is a mess, and in particular the NET/ROM code has serious protocol errors,
> as does the BBS code that uses it. Good "first try", but needs a lot of work.
>
> Maybe I'll take on that project once I'm done with the current project.

Well, it's a science fair project that the students have largely lost

interest in. Speaking as someone that's built a thing or two for amateur
networking (a streams AX.25 driver for Solaris, a Java implementation of
AX.25 as part of an ARESDATA-type server, to mention the more interesting
things), I'm not on fire to spend much effort in the realm.

I'm a little intrigued at the thought of a publish-subscribe/reliable
multicast implementation on top of APRS messaging, but haven't done much
with it. I suspect I'd be the only user of it.

Dana K6JQ
dana@dioxine.com

1464. Re: PSK soundcard help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 11:16:21 UTC
From: rn822706 <rn822706@ntlworld.com>
Message-ID: <d9h17.454$WS4.92360@news6-win.server.ntlworld.com>
Source record: 8202

"TRG150" <trg150@aol.com> wrote in message
news:20010704130639.11519.00004534@ng-fc1.aol.com...
> I just reloaded all my software on my computer - including Windows ME
>
> Now, all of my PSK programs will only receive from the SOUNDCARD
MICROPHONE IN
>
> If I connect the audio out from the XCVR to the LINE INPUT - the PSK
program
> receives nothing - I know the audio is going into the card because I can
here
> what I am receiving through the speakers connected to AUDIO OUT.
>
> I prefer to use LINE-IN - its much less sensitive than MICROPHONE IN - in
> addition some of the DSP audio programs worked well with LINE - IN -- but
now -
> LINE in doesnt work with any programs.
>
> Any ideas what I can do to use LINE IN like I used to???
>
> Ive tried setting all the levels on the audio control panel but nothing
there
> gets the audio to the program when using LINE IN.
>
> Thanks check that you have not enabled 4 speaker option check
all all "audio trays" that mute is not enabled for line in ihad this
problem and this was cure(4 speaker option uses linein plugas extra spkr
out. good luck de gm0ltq

1465. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 13:43:12 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <Qfj17.448047$oc7.68735286@news2.rdc2.tx.home.com>
Source record: 8203

I think Apache is over-rated. I don't like it because I spend hours
reading documentation and cryptic programmer notes.

On top of that, Oracle uses it now with their database server, so I
get to hate it even more (as a sysadmin).

For me, I'm a Roxen fan (www.roxen.com). I've used it from version
1.3 (now at 2.2) and while it has poor documentation, there is no
manual config file. You set up virtual server and global parameters
using a GUI web page. Constructs are available to interact with the
Mysql (or Oracle, or popular) database, and maintain security.

"Hank Oredson" <horedson@att.net> wrote
>
> "Dana H. Myers" <dana@dioxine.com> wrote in message
> >
> > Next thing you'll tell us that Apache is a joke, too.
>
> Excellent server ... if you have or are willing to hire the support staff.

AX.25, like X.25, is a dead duck. It's a protocol that had a chance,
and is now dead. I think that most of the people involved in creating
it are dead, or too old to lift their beer by themselves.

I wouldn't waste any more time on it than I would on the CP/M
emulator :-) All of it was done by one or two people, and did not have
the (often) hundreds of people that NOS had, pimping the code.
You can tell, because NOS has about 750 copyrights comparably :-)

I just got an eval kit for the MX-919B modem chip (MAC level,
with FEC). This is the chip used by the largest packet radio
network in the states--police and fire.

Please, no more netrom!

> Sure wish someone would fix the Linux AX.25 and NET/ROM code though.
> It is a mess, and in particular the NET/ROM code has serious protocol errors,
> as does the BBS code that uses it. Good "first try", but needs a lot of work.
>
> Maybe I'll take on that project once I'm done with the current project.

1466. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 15:28:10 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <eOk17.6887$Fy3.619460@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8204

Steve, if you have a proposal for replacing AX.25 and NET/ROM,
post that proposal here. Then we can comment on it.

--

... Hank

http://horedson.home.att.net

"Steve Sampson" <k5okc@home.com> wrote in message
news:Qfj17.448047$oc7.68735286@news2.rdc2.tx.home.com...
> I think Apache is over-rated. I don't like it because I spend hours
> reading documentation and cryptic programmer notes.

Oh, life is soooo hard ...

> On top of that, Oracle uses it now with their database server, so I
> get to hate it even more (as a sysadmin).

Eh?

> For me, I'm a Roxen fan (www.roxen.com). I've used it from version
> 1.3 (now at 2.2) and while it has poor documentation, there is no
> manual config file. You set up virtual server and global parameters
> using a GUI web page. Constructs are available to interact with the
> Mysql (or Oracle, or popular) database, and maintain security.
>
> "Hank Oredson" <horedson@att.net> wrote
> >
> > "Dana H. Myers" <dana@dioxine.com> wrote in message
> > >
> > > Next thing you'll tell us that Apache is a joke, too.
> >
> > Excellent server ... if you have or are willing to hire the support staff.
>
> AX.25, like X.25, is a dead duck. It's a protocol that had a chance,
> and is now dead. I think that most of the people involved in creating
> it are dead, or too old to lift their beer by themselves.

Har!

> I wouldn't waste any more time on it than I would on the CP/M
> emulator :-) All of it was done by one or two people, and did not have
> the (often) hundreds of people that NOS had, pimping the code.
> You can tell, because NOS has about 750 copyrights comparably :-)
>
> I just got an eval kit for the MX-919B modem chip (MAC level,

> with FEC). This is the chip used by the largest packet radio
> network in the states--police and fire.
>
> Please, no more netrom!

And your proposal is ???

> > Sure wish someone would fix the Linux AX.25 and NET/ROM code though.
> > It is a mess, and in particular the NET/ROM code has serious protocol
errors,
> > as does the BBS code that uses it. Good "first try", but needs a lot of
work.
> >
> > Maybe I'll take on that project once I'm done with the current project.
>
>
>

1467. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 15:48:35 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kbnej.3nl.nomail@linux.pe1chl.ampr.org>
Source record: 8205

Hank Oredson <horedson@att.net> wrote:
>> Please, no more netrom!

>And your proposal is ???

It would probably be better to have an IP autorouter that uses techniques and timings suitable to packet radio. Users would feed the IP packets (out of their off-the-shelf standard applications on their Windows or Linux boxes) into a local node, and the node would route them like an ISP would route their Internet traffic.

It could use a standard Internet routing protocol, but it would be better to consider the facts of life on packet (uni-directional routes, or at least independent route quality measurements in both directions; automatic selection of VC mode when required for reliability; timing adapted to the link speed; etc)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1468. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 17:03:48 UTC
From: Gerry Wheeler <gwheeler@vmguys.com>
Message-ID: <3B45EDC1.524C82DE@vmguys.com>
Source record: 8206

Rob Janssen wrote:
> It would probably be better to have an IP autorouter that uses techniques
> and timings suitable to packet radio. Users would feed the IP packets (out
> of their off-the-shelf standard applications on their Windows or Linux
> boxes) into a local node, and the node would route them like an ISP would
> route their Internet traffic.

How does that compare to current TCP/IP packet technology?
--
Gerry Wheeler KG4NBB VM Systems, Inc.
Naples, FL
GWheeler@vmguys.com 941-596-2480

1469. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 17:20:29 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kbsqt.3nl.nomail@linux.pe1chl.ampr.org>
Source record: 8207

```
Gerry Wheeler <gwheeler@vmguys.com> wrote:
>Rob Janssen wrote:
>> It would probably be better to have an IP autorouter that uses techniques
>> and timings suitable to packet radio. Users would feed the IP packets (out
>> of their off-the-shelf standard applications on their Windows or Linux
>> boxes) into a local node, and the node would route them like an ISP would
>> route their Internet traffic.

>How does that compare to current TCP/IP packet technology?

It would mean no manual IP routes are required anymore, and the routing
would adapt to changes in the topology just like it does with NET/ROM or
Flexnet.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+
```

1470. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 22:02:17 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9i5chf0poc@enews4.newsguy.com>
Source record: 8209
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Christian Garms" <c.garms@paradise.net.nz> wrote in message
news:m266d9dlnb.fsf@tiger.wgnetz.de...
> "Charles Brabham" <n5pvl@the-i.net> writes:
>
> > How about Visual C++ ? - Or Borland's C++ Builder?
>
> What has this to do with *linux* ?
>

The C++ compiler for linux (legendary as a piece of crap.)

Charles, N5PVL

1471. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 22:19:42 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <2Qq17.450079$oc7.69423121@news2.rdc2.tx.home.com>
Source record: 8208

"Hank Oredson" <horedson@att.net> wrote
> Steve, if you have a proposal for replacing AX.25 and NET/ROM,
> post that proposal here. Then we can comment on it.

See below.

> > I think Apache is over-rated. I don't like it because I spend hours
> > reading documentation and cryptic programmer notes.
>
> Oh, life is soooo hard ...

For the same price as Apache, Roxen is a task simplifier, and easy.
Why go for hard. You aren't going to impress anyone. After all,
it's just a server of web data.

> > On top of that, Oracle uses it now with their database server, so I
> > get to hate it even more (as a sysadmin).
>
> Eh?

Oracle iAS uses Apache.

> > I just got an eval kit for the MX-919B modem chip (MAC level,
> > with FEC). This is the chip used by the largest packet radio
> > network in the states--police and fire.
> >
> > Please, no more netrom!
>
> And your proposal is ???

Didn't really read the posting did you? Here it is again: MX-919B
modem chip (MAC level, with FEC) (www.mxcom.com).

1472. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 23:06:06 UTC
From: Ulrich.Teichert@gmx.de
Message-ID: <GG2qu6.9z9@fake.arbas.neumuenster.netsurf.de>
Source record: 8211
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In <9i5chf0poc@enews4.newsguy.com> "Charles Brabham" <n5pvl@the-i.net> writes:

>"Christian Garms" <c.garms@paradise.net.nz> wrote in message
>news:m266d9dlnb.fsf@tiger.wgnetz.de...
>> "Charles Brabham" <n5pvl@the-i.net> writes:
>>
>> > How about Visual C++ ? - Or Borland's C++ Builder?
>>
>> What has this to do with *linux* ?
>>

>The C++ compiler for linux (legendary as a piece of crap.)

Not as worse as CC (Solaris), aCC (HPUX) or xlC (AIX) are right now.
And g++ in 2.95.2 was already good enough for me.

Just my 2 Cent,
Uli
--
Dipl. Inf. Ulrich Teichert|e-mail: Ulrich.Teichert@gmx.de
Stormweg 24 |listening to:Something Good To Go By(The Decibels)
24539 Neumuenster, Germany|Cheap Excitement (Stratford Mercenaries)

1473. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-06 23:14:55 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <PDr17.450173$oc7.69526223@news2.rdc2.tx.home.com>
Source record: 8210

1/2 a decade! (smile) Why not 1/20 a century?

"Howard Goldstein" <hgoldste@mpcs.com> wrote
> Steve Sampson <k5okc@home.com> wrote:
> : Didn't really read the posting did you? Here it is again: MX-919B
> : modem chip (MAC level, with FEC) (www.mxcom.com).
>
> Coincidentally, one of those police/fire packet network vendors runs
> a AX.25 variant across 919s, or at least it did about half a decade
> ago. What do the folks who are young enough to toss back lots of
> beers on their own run across 919s nowadays?

Actually, I should say I'm not really interested in routing protocols, as
my application is the integration of voice, GPS data, and pager type
data into a digital stream (for hobbyist purposes), and while I enjoy
a Samuel Adams every now and then, I've currently been having an
affair with distilled products.

1474. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 02:29:48 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <wuu17.7444$Fy3.664680@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8212

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9kbsqt.3nl.nomail@linux.pe1chl.ampr.org...
> Gerry Wheeler <gwheeler@vmguys.com> wrote:
> >Rob Janssen wrote:
> >> It would probably be better to have an IP autorouter that uses techniques
> >> and timings suitable to packet radio. Users would feed the IP packets
(out
> >> of their off-the-shelf standard applications on their Windows or Linux
> >> boxes) into a local node, and the node would route them like an ISP would
> >> route their Internet traffic.
>
> >How does that compare to current TCP/IP packet technology?
>
> It would mean no manual IP routes are required anymore, and the routing
> would adapt to changes in the topology just like it does with NET/ROM or
> Flexnet.

SNOS has the start of some of these features.

I'm playing with ARP eavesdropping (nothing new about that),
RIP eavesdropping, SYN/ACK snooping and some other
techniques for host and route discovery. There are not enough
hosts in our network (20-25) to make experimentation easy.

It should not be too surprising that what works is very much like
the way NET/ROM does it ... and of course the snooping techniques
work for AX.25 L2 stations as well as IP.

The basic ideas were discussed as early as 1985 with respect to
the TAPR NNC and other pre-NET/ROM AX.25 Layer 3/4 extensions.

--

... Hank

http://horedson.home.att.net

1475. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 02:34:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <syu17.7449$Fy3.662863@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8213

"Steve Sampson" <k5okc@home.com> wrote in message
news:2Qq17.450079$oc7.69423121@news2.rdc2.tx.home.com...
> "Hank Oredson" <horedson@att.net> wrote
> > Steve, if you have a proposal for replacing AX.25 and NET/ROM,
> > post that proposal here. Then we can comment on it.
>
> See below.
>
> > > I think Apache is over-rated. I don't like it because I spend hours
> > > reading documentation and cryptic programmer notes.
> >
> > Oh, life is soooo hard ...
>
> For the same price as Apache, Roxen is a task simplifier, and easy.
> Why go for hard. You aren't going to impress anyone. After all,
> it's just a server of web data.

My own experience with Apache differs from yours.
I found it simple to set up and maintain, very robust, and quite fast.

> > > On top of that, Oracle uses it now with their database server, so I
> > > get to hate it even more (as a sysadmin).
> >
> > Eh?
>
> Oracle iAS uses Apache.

So why do you hate it "more" because Oracle chose it?

> > > I just got an eval kit for the MX-919B modem chip (MAC level,
> > > with FEC). This is the chip used by the largest packet radio
> > > network in the states--police and fire.
> > >
> > > Please, no more netrom!
> >
> > And your proposal is ???
>
> Didn't really read the posting did you? Here it is again: MX-919B
> modem chip (MAC level, with FEC) (www.mxcom.com).

Um ... MAC layer is L1 ... you talked about NET/ROM which is L3/L4.
So what do you propose at L2? AX.25? IP?
At L3/L4? TCP?

To drift the thread a bit ... why don't we use POP and SMTP over AX.25
(and PACTOR and CLOVER and ...)?

--

... Hank

http://horedson.home.att.net

1476. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 03:35:29 UTC
From: srt@nospam.unt.edu
Message-ID: <9i6021$6jb$1@hermes.acs.unt.edu>
Source record: 8214
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:

> The C++ compiler in Linux is a real joke. - That's part of why Linux bots do
> not traditionally go for C++. There are other reasons, of course.

I realize you probably posted this just to provoke a reaction, but
assuming you actually believe at least some of what you say....

So people don't use C++ in Linux? Hmmm... perhaps you should tell
the KDE people that -- they've written huge amounts of C++ code,
millions of lines of code in fact, that run quite well under Linux.

...

> You can write standard Antsy C code with any of the C++ compilers, of
> course, - but when you need all that gui stuff, it's in there there waiting
> for you.

Ah... thanks for bringing up ANSI ("Antsy"???) and standards. I
suppose if you define a good compiler as one that works like Visual
C++ then you have a point about g++, but that's pretty circular
reasoning. Visual C++ still doesn't do some very basic things in a
standards-compliant way (like variable scoping with a for loop, for
example -- hell, g++ and Borland both had that one right years ago),
so I'm thankful every day that I don't have to use Visual C++ often.

And since you seem so taken with the GUI, let's talk about the editors
in Visual C++ and Borland. Lame, lame, lame. Fortunately, they're so
bad that it gives rise to a whole industry of people who write better
editors. Codewright (I think that's the right name) actually looks
good, but do you really want to spend $300 extra dollars for an editor
after shelling out bucks for the development environment? And none of
these hold a candle to emacs under Linux (actually, a lot of people
use the Windows port of emacs, so at least you're not totally out of
luck there).

--
Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
University of North Texas | or better,' so I installed Linux."
Denton, TX 76201 |

1477. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 03:40:32 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <Qwv17.452069$oc7.69974167@news2.rdc2.tx.home.com>
Source record: 8215

"Hank Oredson" <horedson@att.net> wrote
>
> My own experience with Apache differs from yours.
> I found it simple to set up and maintain, very robust, and quite fast.

That's not what I said. I said it was over-rated, as my use of Roxen
showed it to be featureless in comparison. Here's a sample of what
I mean:

```
<tablify nicer size=1 grid=1>
Time (Zulu) From To Path Undecoded Data
<sqltable ascii host=aprs-read
query="select ftime,ffrom,fto,fpath,fdata from frame
where date_add(now()+0,interval +5 hour)-ftime < 1000
order by ftime">
</tablify>
```

Which produces one of those blue and white grids with data
filled in from the database. Notice that no database password
information is released, only a reference name of "aprs-read".

To do the same thing in Apache you would need an add-on
from another open-source group. More learning curve.

> > Oracle iAS uses Apache.
>
> So why do you hate it "more" because Oracle chose it?

It's a midwest phrase. If you don't like something, then you get to
"hate it even more" if you are forced to use it to make another
product work.

> Um ... MAC layer is L1 ... you talked about NET/ROM which is L3/L4.
> So what do you propose at L2? AX.25? IP?
> At L3/L4? TCP?

Ethernet of course! :-)

1478. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 03:47:22 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <eDv17.452213$oc7.69991911@news2.rdc2.tx.home.com>
Source record: 8216

"Howard Goldstein" <hgoldste@mpcs.com> wrote

> : Actually, I should say I'm not really interested in routing protocols, as
> : my application is the integration of voice, GPS data, and pager type
> : data into a digital stream (for hobbyist purposes),
>
> This sounds like a lot of fun. I think you'll enjoy working with the
> device. Can you get enough speed out of it for voice?

The AMBE-2000 chip (www.dvsinc.com) works down to 2000 baud,
and it doesn't sound bad. 4800 baud sounds really good (toll-quality).

Steve

1479. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 06:36:13 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107070629320.8941-100000@exp.bde-arc.ampr.org>
Source record: 8217

On Sat, 7 Jul 2001, Hank Oredson wrote:
> > > > I just got an eval kit for the MX-919B modem chip (MAC level,
> > > > with FEC). This is the chip used by the largest packet radio
> > > > network in the states--police and fire.
> > > >
> > > > Please, no more netrom!
> > >
> > > And your proposal is ???
> >
> > Didn't really read the posting did you? Here it is again: MX-919B
> > modem chip (MAC level, with FEC) (www.mxcom.com).
>
> Um ... MAC layer is L1 ... you talked about NET/ROM which is L3/L4.
> So what do you propose at L2? AX.25? IP?
> At L3/L4? TCP?

Let's get this correctly stated. I've included the other levels for reference.

Hardware is layer 1 (electrical and signal timing characteristics).
Soft/firmware and data encoding is layer 2.
IP is layer 3 (switching/routing).
TCP is layer 4 (transport).
Session management is layer 5.
Presentation management is layer 6.
Application management is layer 7.

> To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> (and PACTOR and CLOVER and ...)?

1480. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 08:12:47 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kdh3v.a28.nomail@linux.pe1chl.ampr.org>
Source record: 8221

Steve Sampson <k5okc@home.com> wrote:
>To do the same thing in Apache you would need an add-on
>from another open-source group. More learning curve.

Oh, what you want is all-in-one-from-a-single-vendor?
Without any need for add-ons?

In that case I would advise you to go for Microsoft. They
will provide everything you need.

Why do you use Oracle, not SQL Server? It is another add-on
with a steep learning curve.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1481. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 08:25:38 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kdhs2.a28.nomail@linux.pe1chl.ampr.org>
Source record: 8220

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn9kbsqt.3nl.nomail@linux.pe1chl.ampr.org...
>> Gerry Wheeler <gwheeler@vmguys.com> wrote:
>> >Rob Janssen wrote:
>> >> It would probably be better to have an IP autorouter that uses techniques
>> >> and timings suitable to packet radio. Users would feed the IP packets
>(out
>> >> of their off-the-shelf standard applications on their Windows or Linux
>> >> boxes) into a local node, and the node would route them like an ISP would
>> >> route their Internet traffic.

>> >How does that compare to current TCP/IP packet technology?

>> It would mean no manual IP routes are required anymore, and the routing
>> would adapt to changes in the topology just like it does with NET/ROM or
>> Flexnet.

>SNOS has the start of some of these features.

Many pieces of software have the start of some of these features!

JNOS does. NETCHL does.

But a start of features does not cut it.

What we would need to have it operational is:

- a better protocol, that will perform in the typical cases encountered
in amateur radio (like flaky links, links that are good in one direction
and bad in the other, links that are OK when idle and collapse as soon
as you load them, etc)

- a reference implementation that is open and independent enough from the
underlying architecture to be ported to the different platforms and
software packages already running
(most people will not be prepared to switch to a completely different
system overnight, so it must co-exist)

- some application-layer services that will show that IP based routing
can provide the same functionality as NET/ROM or Flexnet to the end
user (i.e. present some user interface to someone who connects with
AX.25 and allow them to "connect through the system" without seeing that
the actual traffic is TCP/IP and without noticing that the system does
not do hop-by-hop connects but lets the command interpreter run at the
local node all the time and just sends directions through the network).
also allow any AX.25 packet with any PID to pass through the network,

tunneled in IP, so the network can transparently be used for any other traffic.

Once the lower layer is all IP, we can finally start dropping AX.25 as the mandatory link protocol on each and every link and user access, and evaluate other protocols on a case-by-case basis.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1482. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 08:33:57 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <VPz17.456521$oc7.70491083@news2.rdc2.tx.home.com>
Source record: 8218

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote
>
> Let's get this correctly stated. I've included the other levels for reference.
>
> Hardware is layer 1 (electrical and signal timing characteristics).
> Soft/firmware and data encoding is layer 2.
> IP is layer 3 (switching/routing).

I understood what Hank meant, as you need a protocol layer on top of
the modem, and why not AX.25? One reason may be, that it (AX.25/
HDLC) is designed for direct modem drive. This modified HDLC with
bit stuffing, address bit shifting, etc, may interfere (add without gain)
with FEC/block interleaving type modem chips.

1483. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 08:38:08 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <QTz17.456540$oc7.70495115@news2.rdc2.tx.home.com>
Source record: 8219

> To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> (and PACTOR and CLOVER and ...)?

Woa! Get some sleep Hank! :-) That would be like mating a Cat with a Dog.

1484. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 10:33:47 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9i6oil02qfj@enews4.newsguy.com>
Source record: 8222
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

<srt@nospam.unt.edu> wrote in message
news:9i6021$6jb$1@hermes.acs.unt.edu...
> In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:
>
> > The C++ compiler in Linux is a real joke. - That's part of why Linux
bots do
> > not traditionally go for C++. There are other reasons, of course.
>
>
> And since you seem so taken with the GUI, let's talk about the editors
> in Visual C++ and Borland. Lame, lame, lame. Fortunately, they're so
> bad that it gives rise to a whole industry of people who write better
> editors.

Get real. Last week I was looking at the aftermarket gui's available for
Borland's givaway command-line version of C++ Builder. Lame, lame, lame.
None of them approached the general utility of the gui interface in Visual
Basic 4.0, for example. - And they sure as heck did not measure up to the
new stuff Borland and Microsoft are offering.

You must be a Linux enthusiast. To my knowlege, only Linux enthusiasts are
willing to settle for substandard, third-rate software and while using it,
claim it's "better" than the professionally written stuff that people who
are serious about programming are ready, willing, and able to pay for
because they know that they will significantly increase their productivity.

Too bad you are full of crap. Lots of people would be happy if there were
any reality to back up your claims, but unfortunately.... ;-)

73 DE Charles, N5PVL

1485. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 11:48:35 UTC
From: Steve Martin <ecprod@bellsouth.net>
Message-ID: <3B46F713.106E25D4@bellsouth.net>
Source record: 8223
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham wrote:

> You must be a Linux enthusiast.

Okay, let's see.... we're posting a troll message to
comp.os.linux.networking, and we're surprised that a
Linux enthusiast answered. Gee. Imagine that.

Mr. Brabham, was your only purpose in posting to stir
up a reaction? If so, get the hell off the NG. I'm
tired of your crap (to quote the original post).

> 73 DE Charles, N5PVL

dididididahdidah.

1486. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 16:10:26 UTC
From: srt@nospam.unt.edu
Message-ID: <9i7c9i$fj1$1@hermes.acs.unt.edu>
Source record: 8224
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:

> <srt@nospam.unt.edu> wrote in message
> news:9i6021$6jb$1@hermes.acs.unt.edu...
>> In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:
>>
>> > The C++ compiler in Linux is a real joke. - That's part of why Linux
> bots do
>> > not traditionally go for C++. There are other reasons, of course.
>>
>>
>> And since you seem so taken with the GUI, let's talk about the editors
>> in Visual C++ and Borland. Lame, lame, lame. Fortunately, they're so
>> bad that it gives rise to a whole industry of people who write better
>> editors.

> Get real. Last week I was looking at the aftermarket gui's available for
> Borland's givaway command-line version of C++ Builder. Lame, lame, lame.
> None of them approached the general utility of the gui interface in Visual
> Basic 4.0, for example. - And they sure as heck did not measure up to the
> new stuff Borland and Microsoft are offering.

Name a single editor -- *any* editor, commercial or free -- that comes
anywhere close to the power and feature set of emacs. The one built
in to the Visual C++ editor is particulary horrendous. It tries to
re-set standard tab sizes (you can fortunately re-set this through
options), has no intelligent re-indenting of code, horrible text
searching capabilities (I would be amazed at a programmer's editor
that doesn't do regular expression searching, but then again a lot of
people who write code for Windows aren't really trained as programmers
and probably don't even know what regular expressions are!), no simple
editor macro facility, no way to program it to automate repitious
tasks easily, ... these are feature that I use almost constantly when
programming, but aren't available in Visual C++ -- how do you people
ever get any actual coding done???

> You must be a Linux enthusiast. To my knowlege, only Linux enthusiasts are
> willing to settle for substandard, third-rate software and while using it,
> claim it's "better" than the professionally written stuff that people who
> are serious about programming are ready, willing, and able to pay for
> because they know that they will significantly increase their productivity.

Yep, I'm a Linux enthusiast (on a Linux newsgroup! imagine that!).
But I'm a Linux enthusiast because the quality of the software is
better -- I'll use whatever tool is best for the job. When I have

to constantly fight with the Windows environment, or have things
simply work correctly under Linux, I'd be a fool *not* to be a Linux
enthusiast. So as far as my productivity, it takes a huge dive
everytime I have to use Windows...

> Too bad you are full of crap. Lots of people would be happy if there were
> any reality to back up your claims, but unfortunately.... ;-)

Actually, I have backed up my claims. See above for things that are
missing from the basic Visual C++ editor (we can start on debugger
features next, if you'd like -- Visual C++ is pretty weak there too).
You on the other hand have provided absolutely no concrete facts other
than raving about "Linux enthusiasts".

There -- you've got the argument you were looking for now. Happy?

--
Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
University of North Texas | or better,' so I installed Linux."
Denton, TX 76201 |

1487. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 16:53:19 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <38H17.27243$C81.2122113@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8225

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9kdhs2.a28.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> >news:slrn9kbsqt.3nl.nomail@linux.pe1chl.ampr.org...
> >> Gerry Wheeler <gwheeler@vmguys.com> wrote:
> >> >Rob Janssen wrote:
> >> >> It would probably be better to have an IP autorouter that uses
techniques
> >> >> and timings suitable to packet radio. Users would feed the IP packets
> >(out
> >> >> of their off-the-shelf standard applications on their Windows or Linux
> >> >> boxes) into a local node, and the node would route them like an ISP
would
> >> >> route their Internet traffic.
>
> >> >How does that compare to current TCP/IP packet technology?
>
> >> It would mean no manual IP routes are required anymore, and the routing
> >> would adapt to changes in the topology just like it does with NET/ROM or
> >> Flexnet.
>
> >SNOS has the start of some of these features.
>
> Many pieces of software have the start of some of these features!
>
> JNOS does. NETCHL does.
>
> But a start of features does not cut it.

Well ... I have a bit more than a "start" actually.
Quite a bit of it is working, but is in alpha (buggy) state right now.
So it does not appear in the "release" version of SNOS.
JNOS has nothing at all, other than some ARP snooping.
What is worse, JNOS can not handle RIP via tunnel (NET/ROM e.g.)

> What we would need to have it operational is:
>
> - a better protocol, that will perform in the typical cases encountered
> in amateur radio (like flaky links, links that are good in one direction
> and bad in the other, links that are OK when idle and collapse as soon
> as you load them, etc)

I'm not yet convinced a new protocol is needed to handle these things.
Different behavior of the existing protocols may suffice.

> - a reference implementation that is open and independent enough from the
> underlying architecture to be ported to the different platforms and
> software packages already running
> (most people will not be prepared to switch to a completely different
> system overnight, so it must co-exist)

A lot of work, and history shows us this will not happen in the ham radio
world.
We don't even have a reference implementation for AX.25, much
less NET/ROM or FlexNet.
In my opinion an RFC is better, and is required anyway.

> - some application-layer services that will show that IP based routing
> can provide the same functionality as NET/ROM or Flexnet to the end
> user (i.e. present some user interface to someone who connects with
> AX.25 and allow them to "connect through the system" without seeing that
> the actual traffic is TCP/IP and without noticing that the system does
> not do hop-by-hop connects but lets the command interpreter run at the
> local node all the time and just sends directions through the network).
> also allow any AX.25 packet with any PID to pass through the network,
> tunneled in IP, so the network can transparently be used for any other
> traffic.

Exactly. But see below.

> Once the lower layer is all IP, we can finally start dropping AX.25 as
> the mandatory link protocol on each and every link and user access, and
> evaluate other protocols on a case-by-case basis.

I guess, if you assume the goal is to use IP. Many of my links do not
use AX.25, but use other protocols. So I tend to look at IP as a way
to unify things at the application layer, and do whatever makes sense
at the lower layers. IP makes little sense over slow HF links, for example.

Not convinced IP can do what is is needed at L2, at least for some
of the applications of interest (e.g. HF bulk transport).

The protocol stack I'm working with has Layer 2 split into several
sublayers (as does AX.25) to make a clear interface between the
transport issues and access to the Layer 1 parameters that need
"input from what you learn at Layer 2 and above".

--

... Hank

http://horedson.home.att.net

1488. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 17:02:29 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <FgH17.27252$C81.2123806@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8226

"Steve Sampson" <k5okc@home.com> wrote in message
news:VPz17.456521$oc7.70491083@news2.rdc2.tx.home.com...
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote
> >
> > Let's get this correctly stated. I've included the other levels for
reference.
> >
> > Hardware is layer 1 (electrical and signal timing characteristics).
> > Soft/firmware and data encoding is layer 2.
> > IP is layer 3 (switching/routing).
>
> I understood what Hank meant, as you need a protocol layer on top of
> the modem, and why not AX.25? One reason may be, that it (AX.25/
> HDLC) is designed for direct modem drive. This modified HDLC with
> bit stuffing, address bit shifting, etc, may interfere (add without gain)
> with FEC/block interleaving type modem chips.

Exactly.
PACTOR works, CLOVER works, AX.25 works, etc.

A lot of the issues involve exactly where you decide to put error
detection and recovery, packet sequencing, RF link parameter
adjustment (power control, txd, clover physical frame size
and FEC overhead, signalling mode and rate, chip size, etc.)

The serious issue is a way to maintain backward compatibility.
Makes everything a tad more difficult.

--

... Hank

http://horedson.home.att.net

1489. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 17:04:14 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <iiH17.27253$C81.2124367@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8227

"Steve Sampson" <k5okc@home.com> wrote in message
news:QTz17.456540$oc7.70495115@news2.rdc2.tx.home.com...
> > To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> > (and PACTOR and CLOVER and ...)?
>
> Woa! Get some sleep Hank! :-) That would be like mating a Cat with a Dog.

Well ... the RFCs do not require tcp/ip.
These are simple text based protocols, and run fine over any transparent link.
Ditto FTP/HTTP/your-favorite-one-here.

--

... Hank

http://horedson.home.att.net

1490. Legacy packet protocol support (was Re: GCC a joke? (was Re: Newer AX25 support in Linux))

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 19:20:28 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B4760F7.6000709@dioxine.com>
Source record: 8228

Hank Oredson wrote:

[Good comments about evolving amateur packet radio protocols snipped]

> The serious issue is a way to maintain backward compatibility.
> Makes everything a tad more difficult.

Pretty clearly, legacy support protocol support is not a serious issue. Most amateur packet usage today appears to be APRS, there's far less interest in general networks than there was 10 years ago. At this point, the cost of legacy support brings few benefits, and the proper approach is, IMHO, to build gateways where needed but otherwise discard the well-intentioned concept of legacy-support.

I'm serious. Any new effort should absolutely start fresh, retaining the lessons learned and knowledge gained, but not be hampered by legacy support. At the hardware level, we have a lot of 1200 baud packet gear floating around, so there's a pretty good reason to maintain MAC-level compatibility, but software protocols are easily replaced.

The waning popularity of packet radio is giving us a chance at a fresh start.

Dana K6JQ
dana@dioxine.com

1491. Re: Icom IC-718 and PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 22:52:37 UTC
From: Harold <hsnyder@houston.flightlessbird.com>
Message-ID: <VoM17.40365$WT.7517686@typhoon.austin.rr.com>
Source record: 8229

I am running a 718 on PSK31 and it works just fine. I do not have any of the add on filters installed and if I did, I probably wouldn't be using it on PSK31.

The rig does get pretty hot though!

Harold
WD5KCA

"Bjoern Stokke" <bstokke@world-online.no> wrote in message news:jrpcitgj1fd2mlacssue6rubjtpod9a5eu@4ax.com...
Anyone using Icom IC-718 and PSK31?
Of particular interest is the use of narrow filter FL52
in ssb mode?

Bjoern

1492. Help with Digipan Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-07 23:00:51 UTC
From: Harold <hsnyder@houston.flightlessbird.com>
Message-ID: <DwM17.40386$WT.7525375@typhoon.austin.rr.com>
Source record: 8230

I am using Digipan 1.6d software with the Digipan interface.

This interface uses pin 7 from the serial port to T/R switch. My problem is that this pin is always at + voltage. My thoughts were that this pin would be at - voltage normally and switched to + by the software to key the rig. Anyone have any ideas on this.

Meanwhile, I have rigged in a toggle switch for manual T/R and warble along.

Harold
WD5KCA

1493. Re: Help with Digipan Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 00:58:22 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tkfc15j8mete3e@corp.supernews.com>
Source record: 8231

> My thoughts were that this pin (pin 7) would
> be at - voltage normally and switched to + by the software to key
the rig.

That's how it should work. Are you sure that you have the proper com
port selected in DigiPan? Are there any other programs running (such
as Palm Pilots hot sync) that may be taking over the serial port?

1494. Re: Help with Digipan Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 03:13:01 UTC
From: Harold <hsnyder@houston.flightlessbird.com>
Message-ID: <1dQ17.155119$lq1.37808279@typhoon.austin.rr.com>
Source record: 8232

Bob,

Thanks for the help. You nailed it.

I installed a Palm IIIc on this computer a couple of months ago and then took it to work and installed it there. I un-installed the Palm software and re-booted. It now T/R keys the rig as expected through the serial cable.

Again thanks.

73
Harold
WD5KCA

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message news:tkfc15j8mete3e@corp.supernews.com...
> > My thoughts were that this pin (pin 7) would
> > be at - voltage normally and switched to + by the software to key
> the rig.
>
> That's how it should work. Are you sure that you have the proper com
> port selected in DigiPan? Are there any other programs running (such
> as Palm Pilots hot sync) that may be taking over the serial port?
>
>
>

1495. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 03:46:46 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9i8l3o01ncb@enews2.newsguy.com>
Source record: 8233

"Hank Oredson" <horedson@att.net> wrote in message
news:syu17.7449$Fy3.662863@bgtnsc05-news.ops.worldnet.att.net...
>
>
> To drift the thread a bit ... why don't we use POP and SMTP over AX.25

Hams have been doing this for years (FlexNet) but not here in the US, as far
as I know.

> (and PACTOR and CLOVER and ...)?

Dunno about PACTOR or CLOVER though. Not sure why you'ld want to do that
anyway.

73 DE Charles, N5PVL

1496. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 03:47:57 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9i8l5v01ned@enews2.newsguy.com>
Source record: 8234
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Havent figured out usenet yet?

Charles, N5PVL

"Steve Martin" <ecprod@bellsouth.net> wrote in message
news:3B46F713.106E25D4@bellsouth.net...
> Charles Brabham wrote:
>
> > You must be a Linux enthusiast.
>
> Okay, let's see.... we're posting a troll message to
> comp.os.linux.networking, and we're surprised that a
> Linux enthusiast answered. Gee. Imagine that.
>
> Mr. Brabham, was your only purpose in posting to stir
> up a reaction? If so, get the hell off the NG. I'm
> tired of your crap (to quote the original post).
>
> > 73 DE Charles, N5PVL
>
> dididididahdidah.
>

1497. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 04:43:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <DxR17.9123$Fy3.791562@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8235

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9i8l3o01ncb@enews2.newsguy.com...
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:syu17.7449$Fy3.662863@bgtnsc05-news.ops.worldnet.att.net...
> >
> >
> > To drift the thread a bit ... why don't we use POP and SMTP over AX.25
>
> Hams have been doing this for years (FlexNet) but not here in the US, as far
> as I know.

Do you have a pointer to some application that implements this?

> > (and PACTOR and CLOVER and ...)?
>
> Dunno about PACTOR or CLOVER though. Not sure why you'ld want to do that
> anyway.

So you could use your HF radio?

--

... Hank

http://horedson.home.att.net

1498. DosFBB+WinFBB+flexnet+ethernet, wich drivers ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 07:40:22 UTC
From: I=?ISO-8859-1?B?8Q==?=igo <dato@euskalnet.net>
Message-ID: <B76DDB06.2183%dato@euskalnet.net>
Source record: 8236

Hello OM,

Our proyect is to link two computers with this configuration:

-> MSDOS , DOS FBB, FLEXNET, 3COM ETHERNET CARD

-> WIN98, WINFBB, FLEXNET, 3COM ETHERNET CARD

Both ethernet cards are link by a cross cable RJ45.

Documentation of flexnet seems not to be very clear with this configuration.

Wich are the flexnet drivers we must use to make it running ? (in both computers)

Thanks for your help

73-s de Inigo . EB2DTP
eb2dtp@hoteldato.com

1499. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 10:32:03 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9i9f5a02ieg@enews2.newsguy.com>
Source record: 8237

"Hank Oredson" <horedson@att.net> wrote in message
news:DxR17.9123$Fy3.791562@bgtnsc05-news.ops.worldnet.att.net...
> > >
> > >
> > > To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> >
> > Hams have been doing this for years (FlexNet) but not here in the US, as
far
> > as I know.
>
> Do you have a pointer to some application that implements this?

Not sure what you mean. The FlexNet package that allows this is named
FLEX95IP.LZH, and like all the FlexNet modules, it is available at the
FlexNet groups' website, on the downloads page.

I've been mildly curious about this for years, sounds interesting.
Unfortunately, I haven't yet found anybody else interested in it, and don't
see much purpose in running it without another Ham to "talk to". Maybe
you'll have better luck. It's been around for years, I've heard Hams from
Europe talking about using it, but have never installed or operated it
myself. I run the Win95 version of FlexNet, but without this module.

The applications it allows use of, are the regular old Windows tcpip
applications, Internet Explorer, Outlook Express, WS-FTP, and so on.

I've never heard of anybody here in the US running it. Over here, it's
always *NOS in a Linux box, with a serial or ethernet link to a DOS FlexNet
Box that handles the radios.

Maybe there's some function that FLEX95IP doesn't provide, that Hams over
here are used to having with *NOS. Beats me! I've always thought of Amateur
TCPIP as a lot of extra trouble for very little return, so my curiosity
about it has not been high.

>
> > > (and PACTOR and CLOVER and ...)?
> >
> > Dunno about PACTOR or CLOVER though. Not sure why you'ld want to do that
> > anyway.
>
> So you could use your HF radio?

I don't really follow you here either. (I just woke up) I can see why
someone would want to use their HF rig to operate PACTOR or CLOVER, but
don't see the advantage of doing it all over AX25.

??

Charles, N5PVL

1500. Re: Help with Digipan Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 12:28:57 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tkgkgdrc9cr1b@corp.supernews.com>
Source record: 8238

There is a setting in the Palm hot sync software that will cause it to only take over the serial port when you run the program. With the default setting it is looking at the serial port all the time so it knows when you plug the Palm into the cradle. If you turn this feature off then it only looks when you actually run the program. You can have both DigiPan and your Palm - one at a time.

1501. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 14:35:36 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Yc_17.9559$Fy3.829715@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8239

"Charles Brabham" <n5pvl@the-i.net> wrote in message
news:9i9f5a02ieg@enews2.newsguy.com...
>
> "Hank Oredson" <horedson@att.net> wrote in message
> news:DxR17.9123$Fy3.791562@bgtnsc05-news.ops.worldnet.att.net...
> > > > >
> > > > >
> > > > > To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> > > >
> > > > Hams have been doing this for years (FlexNet) but not here in the US, as
> far
> > > > as I know.
> > >
> > > Do you have a pointer to some application that implements this?
> >
> > Not sure what you mean. The FlexNet package that allows this is named
> > FLEX95IP.LZH, and like all the FlexNet modules, it is available at the
> > FlexNet groups' website, on the downloads page.

Where did tcp/ip come from in this discussion?

My suggestion was to run the text based protocol suite across
AX.25, PACTOR and CLOVER.

TCP/IP does not enter into the discussion.

Of course you can run any tcp/ip based protocol across AX.25,
people have been doing that since 1985.

--

... Hank

http://horedson.home.att.net

1502. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-08 23:10:15 UTC
From: Steve Martin <ecprod@bellsouth.net>
Message-ID: <3B48E857.2FBC5FE1@bellsouth.net>
Source record: 8240
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham wrote:
>
> Havent figured out usenet yet?
>
> Charles, N5PVL

Sure. Use it all the time.

Steve Martin
WB4LKI

1503. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-09 01:46:29 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9ib2eq021bl@enews3.newsguy.com>
Source record: 8241
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

<srt@nospam.unt.edu> wrote in message
news:9i7c9i$fj1$1@hermes.acs.unt.edu...
> In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:
>
> There -- you've got the argument you were looking for now. Happy?

Sounds like you have a problem there, pardner. Try and sober up soon.

Charles, N5PVL

1504. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 12:19:34 UTC
From: hamish@cloud.net.au
Message-ID: <qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au>
Source record: 8242
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net> wrote:
> The C++ compiler in Linux is a real joke. - That's part of why Linux bots do
> not traditionally go for C++. There are other reasons, of course.

You are full of it Charles.

There have been substantial improvements to G++ in the past year or two.
Well done to the team. The latest version of the GCC suite (3.0) is
just out and has a lot more C++ enhancements I heard.

> You can write standard Antsy C code with any of the C++ compilers, of

You do know that a C++ and ANSI C aren't completely compatible, right?
A C++ compiler is not substitute for an ANSI C compiler.

> Lately though, I've become interested in working with embedded PC's, and
> regular old C strikes me as the best approach for coming up with most
> applications for those cute little things.

Guess what Charles, it won't run Windows well.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1505. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 12:22:49 UTC
From: hamish@cloud.net.au
Message-ID: <tsC27.5581$A5.14496@news1.eburwd1.vic.optushome.com.au>
Source record: 8243

Steve Sampson <k5okc@home.com> wrote:
> For me, I'm a Roxen fan (www.roxen.com). I've used it from version
> 1.3 (now at 2.2) and while it has poor documentation, there is no
> manual config file. You set up virtual server and global parameters
> using a GUI web page.

Wow, what an EXCELLENT reason for using Apache!

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1506. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 13:40:17 UTC
From: Henri Lebough <Henri.Lebough@ffl.net>
Message-ID: <5BD27.476694$oc7.77744343@news2.rdc2.tx.home.com>
Source record: 8244

What's an excellent reason? Each product stands on its own. I also
like Roxen, and would use Apache only if someone paid me to.

<hamish@cloud.net.au> wrote
> Steve Sampson <k5okc@home.com> wrote:
> > For me, I'm a Roxen fan (www.roxen.com). I've used it from version
> > 1.3 (now at 2.2) and while it has poor documentation, there is no
> > manual config file. You set up virtual server and global parameters
> > using a GUI web page.
>
> Wow, what an EXCELLENT reason for using Apache!

1507. New Radiofax schedules

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 14:19:21 UTC
From: "Timothy.Rulon" <Timothy.Rulon@noaa.gov>
Message-ID: <3B4B0EE9.E519CA41@noaa.gov>
Source record: 8245
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.shortwave,rec.boats,rec.boats.cruising,rec.boats.electronics

Radiofax friends,

An announcement of upcoming radiofax schedule changes for
Pt. Reyes, New Orleans and Honolulu beginning July 30, 2001
may be found at: http://www.nws.noaa.gov/om/marine/radiofax.htm

Please also visit the U.S. National Weather Service "Marine Product
Dissemination Information" Webpage which contains information on the
dissemination of marine weather forecasts including radiofax, such as
frequency and broadcast schedule information as well as links to
products and related information . See:
http://www.nws.noaa.gov/om/marine/home.htm

Tim Rulon
National Weather Service W/OS21
1325 East-West Highway
Silver Spring, MD 20910 USA
1-301-713-1677 x128
1-301-713-1598 (fax)
timothy.rulon@noaa.gov
marine.weather@noaa.gov
http://www.nws.noaa.gov/om/marine/home.htm

1508. FT-757GXII tuning problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 17:55:16 UTC
From: "Prentice Tyndall, Jr." <prentice@icomnet.com>
Message-ID: <3B4B4183.56027491@icomnet.com>
Source record: 8246
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,sci.electronics.repair

PLEASE HELP! My radio has a very fatiguing, stairstep tuning feel-- not the smooth analog feel it should have when tuning up and down. It's like the tuning resolution is only 50Hz, instead of 1 Hz. This radio was sent to Yaesu several years ago because the 2nd LO went out. It has been like this ever since I received it back from Yaesu, but never did anything about it! Anyone familiar with these LO circuits in this radio? Also, the FM mode doesn't work-- no white noise on RX, very quite. Any help would be appreciated...
Thanks,
Prentice, N4VBH
prentice@icomnet.com

1509. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 18:57:38 UTC
From: davidsen@tmr.com
Message-ID: <9ifj72$c90q$1@newssvr06-en0.news.prodigy.com>
Source record: 8247
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In article <qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au>,
<hamish@cloud.net.au> wrote:
| In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net> wrote:
| > The C++ compiler in Linux is a real joke. - That's part of why Linux bots do
| > not traditionally go for C++. There are other reasons, of course.
|
| You are full of it Charles.
|
| There have been substantial improvements to G++ in the past year or two.
| Well done to the team. The latest version of the GCC suite (3.0) is
| just out and has a lot more C++ enhancements I heard.

GCC 3.0 has been out for a few weeks, finally getting most of the minor
points cleared up and you disagree that the C++ has been problimatical?
Of course "a joke" is a vast exageration as well, but the list of fixes
and features for 3.0 is large enough to justify some caution in using it
for embedded applications previously.

| > You can write standard Antsy C code with any of the C++ compilers, of
|
| You do know that a C++ and ANSI C aren't completely compatible, right?
| A C++ compiler is not substitute for an ANSI C compiler.

There is a significant subset of ANSI C which is also valid C++. So
again you are both right, and both drawing dubious conclusions from your
bit of rightness (is that a word? Correctitude?).

| > Lately though, I've become interested in working with embedded PC's, and
| > regular old C strikes me as the best approach for coming up with most
| > applications for those cute little things.
|
| Guess what Charles, it won't run Windows well.

Where did you see anything about Windows? Are you reading one post and
commenting on another? And what has this embedded stuff got to do with
networking anymore?

Followups directed to alt.flame.

--
bill davidsen <davidsen@tmr.com> CTO, TMR Associates, Inc
"I am lost. I am out looking for myself. If I should come back before I
return, please ask me to wait." -seen in a doctor's office

1510. Re: FT-757GXII tuning problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-10 20:16:56 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B4B62B8.6155AF6A@dialpoint.net>
Source record: 8248
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,sci.electronics.repair

The 757 does not have a 1 hz step. I it is 10 hz step.

"Prentice Tyndall, Jr." wrote:
>
> PLEASE HELP! My radio has a very fatiguing, stairstep tuning feel-- not
> the smooth analog feel it should have when tuning up and down. It's
> like the tuning resolution is only 50Hz, instead of 1 Hz. This radio
>

1511. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 02:19:58 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9igd4402idr@enews3.newsguy.com>
Source record: 8249
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

<hamish@cloud.net.au> wrote in message
news:qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au...
> In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net> wrote:
> > The C++ compiler in Linux is a real joke. - That's part of why Linux
bots do
> > not traditionally go for C++. There are other reasons, of course.
>
> You are full of it Charles.

Yes; Know. Full of honesty, truth, character... I hear it all the time,
dunno why.

>
> There have been substantial improvements to G++ in the past year or two.
> Well done to the team. The latest version of the GCC suite (3.0) is
> just out and has a lot more C++ enhancements I heard.

Sounds great. Another decade or two, and maybe they'll catch up with what
the professionals have been doing. - Naw, probably not. Linux software is
generally pretty crappy stuff, a poor substitute for the real thing, unless
you are a "junior Internet professional".

>
> > You can write standard Antsy C code with any of the C++ compilers, of
>
> You do know that a C++ and ANSI C aren't completely compatible, right?
> A C++ compiler is not substitute for an ANSI C compiler.

From what I hear, even the lousy Linux version can handle regular old C.
Maybe thats wrong. Wouldn't surprise me. It's famous as a piece of crap,
among C++ programmers. Maybe that's part of the reason why.

The good compilers handle it just fine.

>
> > Lately though, I've become interested in working with embedded PC's, and
> > regular old C strikes me as the best approach for coming up with most
> > applications for those cute little things.
>
> Guess what Charles, it won't run Windows well.
>

Guess what? The great majority of embedded PC applications don't require or
use Windows, so that's hardly a significant factor.

You DO know what an embedded PC is, right?

Charles, N5PVL

1512. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 04:53:05 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107110450080.16046-100000@exp.bde-arc.ampr.org>
Source record: 8250
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Tue, 10 Jul 2001, Charles Brabham wrote:
> <hamish@cloud.net.au> wrote in message
> news:qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au...
> > In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net> wrote:
> > > The C++ compiler in Linux is a real joke. - That's part of why Linux
> bots do
> > > not traditionally go for C++. There are other reasons, of course.
> >
> > You are full of it Charles.
>
> Yes; Know. Full of honesty, truth, character... I hear it all the time,
> dunno why.

Could it be because you're delusional? A legend in your own mind?

> > There have been substantial improvements to G++ in the past year or two.
> > Well done to the team. The latest version of the GCC suite (3.0) is
> > just out and has a lot more C++ enhancements I heard.
>
> Sounds great. Another decade or two, and maybe they'll catch up with what
> the professionals have been doing. - Naw, probably not. Linux software is
> generally pretty crappy stuff, a poor substitute for the real thing, unless
> you are a "junior Internet professional".

Since Linux is a "flavor" of UNIX, do you think that way about all the UNIX
software that has been written over the past 29 years?

> > > You can write standard Antsy C code with any of the C++ compilers, of
> >
> > You do know that a C++ and ANSI C aren't completely compatible, right?
> > A C++ compiler is not substitute for an ANSI C compiler.
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> From what I hear, even the lousy Linux version can handle regular old C.
> Maybe thats wrong. Wouldn't surprise me. It's famous as a piece of crap,
> among C++ programmers. Maybe that's part of the reason why.
>
> The good compilers handle it just fine.

Duh. By definition, of course they do. If they couldn't, then why would they
be described as good?

1513. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 07:31:09 UTC
From: "Marius Petrescu, YO2LOJ" <mpetrescu@medinfo.umft.ro>
Message-ID: <9igvc9$ge7$1@nebula.dnttm.ro>
Source record: 8151
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Every Linux kernel has it's built-in ax.25 kernel support,
That means kernel 2.4.x has the latest one.

The only probem is to get the kernel to compile... specially RH 7...

YO2LOJ - Marius.

BTW, those who claim you can not do high speed packet with Linux probably
never touched the Linux kernel, that's why they need a dos box :-o

"pd" <pdickson@nospamatt.net> wrote in message
news:010720011217499510%pdickson@nospamatt.net...
> I am trying to install the AX25 support on my Red Hat v7 system and I
> can not find any recent information. The HOWTO-AX25 is dated 1997,
> refers to kernel 2.1 as the latest, and gives web URLs that no longer
> exist.
>
> Does anybody know where there is more recent info about how to install
> the AX25 kernel support, get the associated utilities, etc?
>
> --
> - KB1EHD

1514. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 08:02:38 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <6dvnktkhfl21uqpatg85hnutihblt0r4h2@4ax.com>
Source record: 8152
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Tue, 10 Jul 2001 21:19:58 -0500, "Charles Brabham"
<n5pvl@the-i.net> wrote:

>Guess what? The great majority of embedded PC applications don't require or
>use Windows, so that's hardly a significant factor.

>You DO know what an embedded PC is, right?

If you are working with embedded and/or realtime systems, I do not
understand why you would touch C++ even with a long stick :-), thus
discussion of C++ compiler quality is quite useless.

If you use it after all, you better read through each element in the
class hierarchy to check that it does not do anything stupid in the
embedded/realtime context.

Some examples to watch up for:

Many classes use dynamic memory in a quite liberal way, which can
easily fragment the dynamic memory. Do you really know in which
condition the dynamic memory is after a few years of running. At some
time, the requested contiguous memory segment is not available and the
"new" throws an exception. How do you test for such situations ? Yes,
you could delay the release of a product for a few years so you can
stress the system for a few years before delivery :-).

In some cases the data bases in dynamic memory can be compacted, but
this usually requires that large structures are locked against
concurrent access and there are critical timing constraints how long
other tasks can be blocked.

Many list and tree classes are written by programmers that did not
think about concurrent access from multiple tasks simultaneously. Some
other task may end up referencing a null pointer or end up in a self
referencing infinite pointer loop while the structure is being updated
by an other task. Often these kinds of problems could have been
avoided by reordering some list update instructions and use of
volatile qualifiers to force the compiler to generate instructions in
the order specified.

If some locking mechanisms are used, either too large areas are often
locked or some heavy (say 100 us) locking directive is used when
100000 accesses are needed each second :-).

There are a large number of things to check and usually quite a few
modifications are required to existing classes and all these changes

must be requalified, so I really do not see the point of using C++ and existing class libraries for realtime and/or embedded systems.

OK, if you have large system with multiple protected address spaces with strict quotas how much resources (such as dynamic memory) a specific process may allocate, sure you could write some non-critical processes, such as the user interface, with C++, if you can restart only that process without harming any critical processes in case of memory leaks or per process dynamic memory fragmentation problems occur.

Paul OH3LWR

1515. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 10:24:52 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9ih9hc024gq@enews1.newsguy.com>
Source record: 8154
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10107110450080.16046-100000@exp.bde-arc.ampr.org...
> On Tue, 10 Jul 2001, Charles Brabham wrote:
> > <hamish@cloud.net.au> wrote in message
> > news:qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au...
> > > In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net>
wrote:
> > > > The C++ compiler in Linux is a real joke. - That's part of why Linux
> > bots do
> > > > not traditionally go for C++. There are other reasons, of course.
> > >
> > > You are full of it Charles.
> >
> > Yes; Know. Full of honesty, truth, character... I hear it all the time,
> > dunno why.
>
> Could it be because you're delusional? A legend in your own mind?

I asked around, and they said no, that isn't it.

>
> > > There have been substantial improvements to G++ in the past year or
two.
> > > Well done to the team. The latest version of the GCC suite (3.0) is
> > > just out and has a lot more C++ enhancements I heard.
> >
> > Sounds great. Another decade or two, and maybe they'll catch up with
what
> > the professionals have been doing. - Naw, probably not. Linux software
is
> > generally pretty crappy stuff, a poor substitute for the real thing,
unless
> > you are a "junior Internet professional".
>
> Since Linux is a "flavor" of UNIX, do you think that way about all the
UNIX
> software that has been written over the past 29 years?

Linux is a "junior, kiddie grade" version of UNIX, most popular with
Internet professioinal wannabees.

Perhaps that explains the disparity.

>
> > > You can write standard Antsy C code with any of the C++ compilers,

of
> > >
> > > You do know that a C++ and ANSI C aren't completely compatible, right?
> > > A C++ compiler is not substitute for an ANSI C compiler.
> >
> > From what I hear, even the lousy Linux version can handle regular old C.
> > Maybe thats wrong. Wouldn't surprise me. It's famous as a piece of crap,
> > among C++ programmers. Maybe that's part of the reason why.
> >
> > The good compilers handle it just fine.
>
> Duh. By definition, of course they do. If they couldn't, then why would
they
> be described as good?
>

Have I mentioned lately that you are a moron?

First you claim that ANSI C is not a subset of C++, then two paragraphs later, it's "Duh. By definition, of course they do".

Just in case I haven't mentioned it lately, you really ARE a moron. It appears that you can't go much more than a few paragraphs without contradicting (Duh!) yourself.

Have you considered running for election for the BoD at TAPR? You have the necessary qualifications.

Charles, N5PVL

1516. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 11:15:47 UTC
From: Henri Lebough <Henri.Lebough@ffl.net>
Message-ID: <DzW27.484136$oc7.79714088@news2.rdc2.tx.home.com>
Source record: 8153

"Paul Keinanen" <keinanen@sci.fi> wrote
>
> If you are working with embedded and/or realtime systems, I do not
> understand why you would touch C++ even with a long stick

The new embedded language is Java, and is taking the industry by
storm.

C++ is the language of choice in real-time systems right now. Having
switched from Jovial and Ada, as a lot of time was spent creating
low-level objects that can be used all the way up to the CRT displays
in a typical bomber.

1517. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 11:32:44 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B4C395C.927BAE2@animats.net>
Source record: 8158

Hank Oredson wrote:

> To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> (and PACTOR and CLOVER and ...)?

No good reason at all other than that of the limited sub-addressing space available to replace sockets if you want to run multiple services on the one machine.

Indeed for HF I think these or similar protocols over PACTOR[-II]/Clover are an excellent proposition.

regards
Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1518. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 15:03:47 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B4C6AD3.973EB21@preferred.com>
Source record: 8155
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

I really think you ought to research what you say about Linux vs. Windows. I have been using both in the personal and professional environment for many, many years. To state that Linux is a "watered down" Unix is an miss-statement from the start. The Linux kernel (remember the KERNEL is the operating system, everything else is applications that rely on the kernel to function) is everything that any other Unix is.

If it were "watered down", why would IBM, HP, SUN, Dell, Compaq, etc be rushing to provide server systems running Linux? They wouldn't be doing it just because it is "trendy". There has to be a performance/cost rational behind their decisions.

"Internet professional wannabes" are the only users of Linux. Then 70% of the Internet providers are "wannabes".
Infact, the movie making industry is embracing Linux big time. Dreamworks, Shrek, Antz, etc. are using Linux to do the computer animation, rendering, etc. Replacing expensive SGI IRIX systems.
Postal Service systems are switching from expensive licensed systems to Linux.

The embedded systems are mass migrating to Linux. Linux is available from a multitude of processors from Intel to StrongARM to powerPC.

The router/firewall I have here at home so more than one can access the Internet is a LRP/LEAF Linux system. It consists of a four slot passive ISA backplane, a 486 IS card (an Allison motherboard on an IS card), and an Ether net card. It does my routing, firewall and Ipmasqurading(NAT), all from a single floppy. Linux 2.2.16 kernel is the basis for this. Can you think of a single Windows release that can do this and fit on a single floppy? For around $100 of "obsolete" equipment, I have the equivalent of a several $1000 dollar Cisco router.

Is Linux for everyone? No. It still requires some computer/software knowledge to run properly. The reason Red Hat, Mandrake, etc survive is creating the installation/management tools to make installation and setup more "user friendly".

The only difference between professional/amateur software is that professionals are paid. Plus, professional software is market and time to market driven, resulting in the shipping of buggy software to make the "marketing forecast". A lot of pro's I have worked with weren't worth a damn. Just a job to them, no enthusiasm or work pride. Just a paycheck. The only reason they were there is because their high school guidance counselors told them that was where the jobs would be. In

computer programming.

But, to call Linux "watered down" or to imply it inferior is totally
wrong.

Charles Brabham wrote:
>
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10107110450080.16046-100000@exp.bde-arc.ampr.org...
> > On Tue, 10 Jul 2001, Charles Brabham wrote:
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> > > > > not traditionally go for C++. There are other reasons, of course.
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> > > > You are full of it Charles.
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> > > Yes; Know. Full of honesty, truth, character... I hear it all the time,
> > > dunno why.
> >
> > Could it be because you're delusional? A legend in your own mind?
>
> I asked around, and they said no, that isn't it.
>
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> > > > There have been substantial improvements to G++ in the past year or
> two.
> > > > Well done to the team. The latest version of the GCC suite (3.0) is
> > > > just out and has a lot more C++ enhancements I heard.
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> > Since Linux is a "flavor" of UNIX, do you think that way about all the
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> Linux is a "junior, kiddie grade" version of UNIX, most popular with
> Internet professioinal wannabees.
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> Perhaps that explains the disparity.
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> > > > > You can write standard Antsy C code with any of the C++ compilers,
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> >
> > Just in case I haven't mentioned it lately, you really ARE a moron. It
> > appears that you can't go much more than a few paragraphs without
> > contradicting (Duh!) yourself.
> >
> > Have you considered running for election for the BoD at TAPR? You have the
> > necessary qualifications.
> >
> > Charles, N5PVL

--
Jeff Pierce, wd4nmq
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
-----== Over 80,000 Newsgroups - 16 Different Servers! =-----

1519. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 18:25:21 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107111819270.17038-100000@exp.bde-arc.ampr.org>
Source record: 8156
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On Wed, 11 Jul 2001, Charles Brabham wrote:
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
> news:Pine.LNX.4.10.10107110450080.16046-100000@exp.bde-arc.ampr.org...
> > On Tue, 10 Jul 2001, Charles Brabham wrote:
> > > <hamish@cloud.net.au> wrote in message
> > > news:qpC27.5579$A5.14496@news1.eburwd1.vic.optushome.com.au...
> > > > In rec.radio.amateur.digital.misc Charles Brabham <n5pvl@the-i.net>
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> > > > > not traditionally go for C++. There are other reasons, of course.
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> > > > You are full of it Charles.
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> > > Yes; Know. Full of honesty, truth, character... I hear it all the time,
> > > dunno why.
> >
> > Could it be because you're delusional? A legend in your own mind?
>
> I asked around, and they said no, that isn't it.

Try asking REAL people next time.....

> > > > There have been substantial improvements to G++ in the past year or
> two.
> > > > Well done to the team. The latest version of the GCC suite (3.0) is
> > > > just out and has a lot more C++ enhancements I heard.
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> > Duh. By definition, of course they do. If they couldn't, then why would
> > they be described as good?
>
> Have I mentioned lately that you are a moron?
>
> First you claim that ANSI C is not a subset of C++, then two paragraphs
> later, it's "Duh. By definition, of course they do".

Excuse me. I did not make such a statement. You're confusing me with someone else.

In any event and although I haven't bothered to check for this, if ANSI C has even one construct or language definition that is NOT included in C++ then it cannot be a subset because C++ would not be a superset.

> Just in case I haven't mentioned it lately, you really ARE a moron. It
> appears that you can't go much more than a few paragraphs without
> contradicting (Duh!) yourself.

However, you have proven yourself to be a moron by confusing the parties with whom you are conversing. I cannot contradict myself using a statement I never made to begin with.

> Have you considered running for election for the BoD at TAPR? You have the
> necessary qualifications.

1520. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-11 21:02:40 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kpfng.1go.nomail@linux.pe1chl.ampr.org>
Source record: 8157
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

```
D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>In any event and although I haven't bothered to check for this, if ANSI C has
>even one construct or language definition that is NOT included in C++ then it
>cannot be a subset because C++ would not be a superset.

int i;

i = 2 //* a cleverly placed comment */ 2
;

compile with Ansi C, and i will be 1. Compile with C++ and i will be 2.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+
```

1521. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 02:26:15 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <bV737.33506$C81.2712724@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8159

"Terry Dawson" <terry@animats.net> wrote in message
news:3B4C395C.927BAE2@animats.net...
> Hank Oredson wrote:
>
> > To drift the thread a bit ... why don't we use POP and SMTP over AX.25
> > (and PACTOR and CLOVER and ...)?
>
> No good reason at all other than that of the limited sub-addressing space
> available to replace sockets if you want to run multiple services on the
> one machine.

No limits on sub-addressing ... that is just a protocol issue at the
PACTOR/CLOVER level (what happens at connect time? Some command).

> Indeed for HF I think these or similar protocols over PACTOR[-II]/Clover
> are an excellent proposition.

So who wants to play?

--

... Hank

http://horedson.home.att.net

1522. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 02:28:40 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <sX737.33507$C81.2712907@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8160
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B4C6AD3.973EB21@preferred.com...
> I really think you ought to research what you say about Linux vs.
> Windows. I have been using both in the personal and professional
> environment for many, many years. To state that Linux is a "watered
> down" Unix is an miss-statement from the start. The Linux kernel
> (remember the KERNEL is the operating system, everything else is
> applications that rely on the kernel to function) is everything that any
> other Unix is.

That's a real giggle!

Have you actually USED "... any other Unix ..."?

Linux is slowly slowly coming up to speed, but still has a ways
to go until the kernel has the features one really wants.

Not going to enumerate what is missing.
You can find out by reading the man pages for "... any other Unix ...".

--

... Hank

http://horedson.home.att.net

1523. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 02:29:58 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <GY737.33508$C81.2712603@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8161
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9kpfng.1go.nomail@linux.pe1chl.ampr.org...
> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >In any event and although I haven't bothered to check for this, if ANSI C
has
> >even one construct or language definition that is NOT included in C++ then
it
> >cannot be a subset because C++ would not be a superset.
>
> int i;
>
> i = 2 //* a cleverly placed comment */ 2
> ;
>
> compile with Ansi C, and i will be 1. Compile with C++ and i will be 2.
>
> Rob

If the person that wrote the above code worked for me ...
... they would be out of a job.

--

... Hank

http://horedson.home.att.net

1524. Re: Newer AX25 support in Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 03:31:02 UTC
From: pd <pdickson@nospamatt.net>
Message-ID: <110720012332568490%pdickson@nospamatt.net>
Source record: 8162
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Ok, I got the RH 7.1 kernel (2.4.2) to compile with the AX25 support enabled. And I'm collecting software that will let me test it out.

There are MARS networks in the USA that use TCP/IP over AX25. TCP/IP's routing flexibility makes it more manageable, and the only real application is store-and-forward email so the performance is fine. And if you restrict traffic to email then gateways to PACTOR become possible, which makes better sense over HF than AX25.

1525. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 03:58:16 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9ij78d064f@enews3.newsguy.com>
Source record: 8164
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B4C6AD3.973EB21@preferred.com...
>
>snip another tired parroting of the Linux bot rant. <

> The only difference between professional/amateur software is that
> professionals are paid. Plus, professional software is market and time
> to market driven, resulting in the shipping of buggy software to make
> the "marketing forecast". A lot of pro's I have worked with weren't
> worth a damn. Just a job to them, no enthusiasm or work pride. Just a
> paycheck. The only reason they were there is because their high school
> guidance counselors told them that was where the jobs would be. In
> computer programming.

Here Jeff reveals his pathetic jealousy (common to Linux bots) and
juvenile defiance of professional programmers, a group he obviously feels to
be far removed from. It's not hard to see why he would feel that way.

Apparently the boy is either not clever enough, or not socially developed
enough to make the grade. Hence his bitterness, and the resort to mindless
recital of slogans and outright bull that Linux bots parrot to each other as
a substitute for observation and thought. The alternative to those slogans
and that bull would be objective reality, something Linux bots avoid at all
costs, as it tends to put Linux in a bad light. I should be charitable
though, and point out the fact that much of what Linux bots parrot does not
come from a sinister impulse to decieve others, but instead from simple
ignorance.

Linux is a learning tool, but not necessarily the optimum tool for all
aspects of computer science. There are a range of applications that are
easier to learn to do with Linux. This does not automatically mean that
Linux is the best platform for all of those applications. It also does not
mean that just because an application is written for Linux, that it will be
as good or better than similar applications written for other OS. In most
cases, in fact, the Linus stuff is way behind the Mac and Windows stuff.
Some of the Linux applications are so crappy that people wonder why the
Linux distributors bother to bundle it up. The reason they do is that the
pickings are mighty sorry, and mighty slim.

Fact is, Linux is not second rate overall, it is closer to third or
fourth. - But among internet professional wannabee's, cheap bastards,
crackpots that envy Bill Gates beciuse he actually accomplished something,
and naive college students, it rates high.

Professional programmers know better.

Charles, N5PVL

1526. PSK31 for PocketPC?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 05:01:51 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkqblg4b9itlfd@corp.supernews.com>
Source record: 8163

Is there a PSK31 implementation for PocketPC's?

1527. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 06:38:22 UTC
From: srt@nospam.unt.edu
Message-ID: <9ijgku$4lt$1@hermes.acs.unt.edu>
Source record: 8165
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In comp.os.linux.networking Hank Oredson <horedson@att.net> wrote:

> "Jeff Pierce" <piercej@preferred.com> wrote in message
> news:3B4C6AD3.973EB21@preferred.com...
>> I really think you ought to research what you say about Linux vs.
>> Windows. I have been using both in the personal and professional
>> environment for many, many years. To state that Linux is a "watered
>> down" Unix is an miss-statement from the start. The Linux kernel
>> (remember the KERNEL is the operating system, everything else is
>> applications that rely on the kernel to function) is everything that any
>> other Unix is.

> That's a real giggle!

> Have you actually USED "... any other Unix ..."?

> Linux is slowly slowly coming up to speed, but still has a ways
> to go until the kernel has the features one really wants.

> Not going to enumerate what is missing.
> You can find out by reading the man pages for "... any other Unix ...".

I've used other Unixes -- quite a bit in fact. I've used AT&T System V,
SunOS/Solaris, and Digital Unix extensively, and others to a limited
extent. Now I use Linux for pretty much everything -- haven't found
anything missing in the current versions, and have no intention of
going back to a closed OS.

I'll re-state what the last person said: what exactly do you think is
missing?

--
Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
University of North Texas | or better,' so I installed Linux."
Denton, TX 76201 |

1528. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 06:45:47 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kqhsr.42c.nomail@linux.pe1chl.ampr.org>
Source record: 8166
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn9kpfng.1go.nomail@linux.pe1chl.ampr.org...
>> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>> >In any event and although I haven't bothered to check for this, if ANSI C
>has
>> >even one construct or language definition that is NOT included in C++ then
>it
>> >cannot be a subset because C++ would not be a superset.

>> int i;

>> i = 2 //* a cleverly placed comment */ 2
>> ;

>> compile with Ansi C, and i will be 1. Compile with C++ and i will be 2.

>> Rob

>If the person that wrote the above code worked for me ...
>.. they would be out of a job.

It is not meant to be an example of good code (although it actually is a
good way to see if code was compiled on Ansi C vs some substandard C) but a
demo of the fact that Ansi C understands the //* language construct whereas
C++ doesn't.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1529. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 08:31:46 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107120826490.18117-100000@exp.bde-arc.ampr.org>
Source record: 8167
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On 12 Jul 2001, Rob Janssen wrote:
> Hank Oredson <horedson@att.net> wrote:
> >"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> >news:slrn9kpfng.1go.nomail@linux.pe1chl.ampr.org...
> >> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> >> >In any event and although I haven't bothered to check for this, if ANSI C
> >has
> >> >even one construct or language definition that is NOT included in C++ then
> >it
> >> >cannot be a subset because C++ would not be a superset.
>
> >> int i;
>
> >> i = 2 //* a cleverly placed comment */ 2
> >> ;
>
> >> compile with Ansi C, and i will be 1. Compile with C++ and i will be 2.
>
> >> Rob
>
> >If the person that wrote the above code worked for me ...
> >.. they would be out of a job.
>
> It is not meant to be an example of good code (although it actually is a
> good way to see if code was compiled on Ansi C vs some substandard C) but a
> demo of the fact that Ansi C understands the //* language construct whereas
> C++ doesn't.

But that still leaves the question: Implementation bug, or a difference in the BNF-parsed defintion of the two "flavors" of the language? It looks to me as possibly a difference in the order (right-to-left or left-to-right) of parsing the literals into tokens (the "//" vs. "/*" comment operators) by the pre-parser/macro expansion pass.

I have only seen the formal language definition of the original C language, not the ANSI standardized version or that of C++, so I can't answer my own question without seeing these.

1530. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 12:49:59 UTC
From: Steve Martin <ecprod@bellsouth.net>
Message-ID: <3B4D9CF7.4BB8656A@bellsouth.net>
Source record: 8168
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham wrote:

> Linux is a "junior, kiddie grade" version of UNIX, most popular with
> Internet professioinal wannabees.
>
> Have I mentioned lately that you are a moron?
>

Okay. It's official. He's a troll.

Killfile time.

1531. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 13:49:43 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B4DAAF7.F689B01A@preferred.com>
Source record: 8170

Charles,

You really ought to read something before you make statements about it.
In the original post I stated "both in the personal and professional
environment". Just to set the record straight about the the "boy", I
have been a professional software engineer for over 20 years after
obtaining my B.S. in Computer Science. Working with systems from TI 990,
DEC PDP-11s and VAXs BEFORE the release of the IBM PC. OSs used include
DX-10, RSX-11M, Unix on the VAX, and PDOS just to name a few. My career
for the past fifteen years has been more in the embedded systems area.
You state "pro's you know", what about your own "professional
background"?

For Hank,

You stated Linux's lacking in several areas. Which areas?

Oh yea, just read where Amazon.com is going to Linux on standard PCs.
Siting stability and cost savings. They expect to cut IT sending by 20%
this year alone. Reference, Linux Magazine Aug 2001 page 8.

Charles Brabham wrote:
>
> "Jeff Pierce" <piercej@preferred.com> wrote in message
> news:3B4C6AD3.973EB21@preferred.com...
> >
> >snip another tired parroting of the Linux bot rant. <
>
> > The only difference between professional/amateur software is that
> > professionals are paid. Plus, professional software is market and time
> > to market driven, resulting in the shipping of buggy software to make
> > the "marketing forecast". A lot of pro's I have worked with weren't
> > worth a damn. Just a job to them, no enthusiasm or work pride. Just a
> > paycheck. The only reason they were there is because their high school
> > guidance counselors told them that was where the jobs would be. In
> > computer programming.
>
> Here Jeff reveals his pathetic jealousy (common to Linux bots) and
> juvenile defiance of professional programmers, a group he obviously feels to
> be far removed from. It's not hard to see why he would feel that way.
>
> Apparently the boy is either not clever enough, or not socially developed
> enough to make the grade. Hence his bitterness, and the resort to mindless
> recital of slogans and outright bull that Linux bots parrot to each other as
> a substitute for observation and thought. The alternative to those slogans
> and that bull would be objective reality, something Linux bots avoid at all

> costs, as it tends to put Linux in a bad light. I should be charitable
> though, and point out the fact that much of what Linux bots parrot does not
> come from a sinister impulse to decieve others, but instead from simple
> ignorance.
>
> Linux is a learning tool, but not necessarily the optimum tool for all
> aspects of computer science. There are a range of applications that are
> easier to learn to do with Linux. This does not automatically mean that
> Linux is the best platform for all of those applications. It also does not
> mean that just because an application is written for Linux, that it will be
> as good or better than similar applications written for other OS. In most
> cases, in fact, the Linus stuff is way behind the Mac and Windows stuff.
> Some of the Linux applications are so crappy that people wonder why the
> Linux distributors bother to bundle it up. The reason they do is that the
> pickings are mighty sorry, and mighty slim.
>
> Fact is, Linux is not second rate overall, it is closer to third or
> fourth. - But among internet professional wannabee's, cheap bastards,
> crackpots that envy Bill Gates beciuse he actually accomplished something,
> and naive college students, it rates high.
>
> Professional programmers know better.
>
> Charles, N5PVL

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
-----== Over 80,000 Newsgroups - 16 Different Servers! =-----

1532. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 14:51:21 UTC
From: srt@nospam.unt.edu
Message-ID: <9ikdh9$a2c$3@hermes.acs.unt.edu>
Source record: 8171
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:

> Here Jeff reveals his pathetic jealousy (common to Linux bots) and
> juvenile defiance of professional programmers, a group he obviously feels to
> be far removed from. It's not hard to see why he would feel that way.

And here we see an interesting phenomenon of an insult coming full
circle.

A few years ago (say, 10-15 years ago), we "professional programmers"
used to occassionally make fun of the people working on their toy
systems, with their toy operating systems, and toy development tools.
Now the toys (windows and PCs) have grown up a bit, and the
toy-programmers are starting to insult the professional programmers in
the same way.

Now I will say this (should make Charles happy): after some of these
discussions, I have gone back and looked at the latest version of
Visual C++ and must say that it surprised me that it incorporated so
many good features. Older versions were definitely *not* this good
(and easily fell into the category of "toy development tools" that I
mentioned above). So Windows is definitely starting to get some good
development software out there.

Now to add one last dig in here, I just thought I'd point out that the
good features that MS added to Visual Studio seem in large part to be
things taken out of the tools we Unix-heads have been using for a
while. Real evidence of this under "Advanced Tools" are tools
called "tabify" and "untabify" -- not real English words, but
coincidentally exactly the name of the functions in emacs. Now I
wonder where the MS people might have gotten the idea for this from? :-)

So congratulations on catching up. You're finally getting up to the
level of the development tools that we've had for 15-20 years (that I
was using under SunOS at least as early as 1985, and under Linux since
1992).

--
Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
University of North Texas | or better,' so I installed Linux."
Denton, TX 76201 |

1533. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 14:52:41 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ZQi37.1892$gj1.98404@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8172

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B4DAAF7.F689B01A@preferred.com...
> Charles,
>
> You really ought to read something before you make statements about it.
> In the original post I stated "both in the personal and professional
> environment". Just to set the record straight about the the "boy", I
> have been a professional software engineer for over 20 years after
> obtaining my B.S. in Computer Science. Working with systems from TI 990,
> DEC PDP-11s and VAXs BEFORE the release of the IBM PC. OSs used include
> DX-10, RSX-11M, Unix on the VAX, and PDOS just to name a few. My career
> for the past fifteen years has been more in the embedded systems area.
> You state "pro's you know", what about your own "professional
> background"?
>
> For Hank,
>
> You stated Linux's lacking in several areas. Which areas?

Like I said, read the man pages for (e.g.) HP-UX and Solaris.

Linux is slowly picking up all the bits one would like in a kernel,
but it ain't there yet. The fact that a subset of the applications
one would run on *nix can run on Linux is nice, but there are
still many applications that cannot (yet) be ported.

If you want a pissing contest, I win: 40 years of experience with many
flavors of hardware (from mainframes to micros), a dozen or two
operating systems, and dozens of languages. Since you won't trust
anything I might say about the various unices, I suggested you read
the man pages yourself.

Linux is an excellent *nix. So are several others.

What is your suggestion for an improved layer 1-4 protocol for ham radio?

--

... Hank

http://horedson.home.att.net

1534. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 15:20:14 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20010712.152014.77@lightfox.demon.co.uk>
Source record: 8175
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In article <9ij78d064f@enews3.newsguy.com>,
n5pvl@the-i.net ("Charles Brabham") wrote:

> Fact is, Linux is not second rate overall, it is closer to third or
> fourth. - But among internet professional wannabee's, cheap bastards,
> crackpots that envy Bill Gates beciuse he actually accomplished
> something, and naive college students, it rates high.

'third or fourth' still rates pretty high in my book, higher still is
a radio amateur who constructs his own kit rather than one who just
uses 'black boxes'. Maybe there is a parallel to be drawn in the
computing world ?

I can quite appreciate why a radio amateur would not want to use a
'kit form' operating system, preferring instead a shiny 'black box'
style OS with lots of bells and whistles, but that is no good reason
to dismiss those who pull together and make their own software in
their own time any more than those who do likewise with hardware in
amateur radio.

> Professional programmers know better.

There are good and bad professional programmers, there are good and
bad amateur programmers. There are good and bad radio professionals,
there are good and bad radio amateurs.

73, Gareth.

--
http://www.rat.org.uk/

1535. Kenwood TH-D7A APRS - HELP!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 16:14:15 UTC
From: Frederick Janicke <n2foz@webspan.net>
Message-ID: <3B4DCCD7.6B5@webspan.net>
Source record: 8169

I have a TH-D7A (not G modded) handheld that is giving me real trouble, maybe someone here could help me out.

It's failing to show up on APRS. Its transmissions are digipeated by other APRS stations, but it looks like something in the position string must not be right because it doesn't "paint" an icon. I've entered the position manually, but NG. I've also noticed that it doesn't seem to accept NMEA data from my Garmin GPS II... I know it's talking to the GPS because it does that double beep upon acquiring position . I've tried everything in the manual, including several full resets, but nothing seems to work. It receives fine, all functions seem to work, but it appears that it just isn't giving out with readable position info.

Please either email me or post here if you think you might know a solution. Thanks in advance for any and all replies.

73,
Fred N2FOZ

1536. Re: Kenwood TH-D7A APRS - HELP!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 16:31:53 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC809A1B6B7@www.premiersi.com>
Source record: 8173

Are you seeing the flashing "pos" display while the gps is connected - if not, then your gps data is working on? (press the "pos" button). I assume you have verified the lat/long is correct. I have found that things like www.findu.com often take hours to show my station, some days it just does not get there at all. But I do get "My Position" or "My Packet" on beacon xmits, so I know I'm making the repeater.

"Frederick Janicke" <n2foz@webspan.net> wrote in message news:3B4DCCD7.6B5@webspan.net...
> I have a TH-D7A (not G modded) handheld that is giving me real trouble,
> maybe someone here could help me out.
>
> It's failing to show up on APRS. Its transmissions are digipeated by
> other APRS stations, but it looks like something in the position string
> must not be right because it doesn't "paint" an icon. I've entered the
> position manually, but NG. I've also noticed that it doesn't seem to
> accept NMEA data from my Garmin GPS II... I know it's talking to the GPS
> because it does that double beep upon acquiring position . I've tried
> everything in the manual, including several full resets, but nothing
> seems to work. It receives fine, all functions seem to work, but it
> appears that it just isn't giving out with readable position info.
>
> Please either email me or post here if you think you might know a
> solution. Thanks in advance for any and all replies.
>
> 73,
> Fred N2FOZ

1537. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 16:48:16 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9krl6g.amk.nomail@linux.pe1chl.ampr.org>
Source record: 8174

Hank Oredson <horedson@att.net> wrote:

>"Jeff Pierce" <piercej@preferred.com> wrote in message
>news:3B4DAAF7.F689B01A@preferred.com...
>> Charles,

>> You really ought to read something before you make statements about it.
>> In the original post I stated "both in the personal and professional
>> environment". Just to set the record straight about the the "boy", I
>> have been a professional software engineer for over 20 years after
>> obtaining my B.S. in Computer Science. Working with systems from TI 990,
>> DEC PDP-11s and VAXs BEFORE the release of the IBM PC. OSs used include
>> DX-10, RSX-11M, Unix on the VAX, and PDOS just to name a few. My career
>> for the past fifteen years has been more in the embedded systems area.
>> You state "pro's you know", what about your own "professional
>> background"?

>> For Hank,

>> You stated Linux's lacking in several areas. Which areas?

>Like I said, read the man pages for (e.g.) HP-UX and Solaris.

>Linux is slowly picking up all the bits one would like in a kernel,
>but it ain't there yet. The fact that a subset of the applications
>one would run on *nix can run on Linux is nice, but there are
>still many applications that cannot (yet) be ported.

You mean the AX.25 support in HP-UX and Solaris is so much better
than it is in Linux? I'd like to see that... are those man pages
online somewhere?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1538. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-12 20:02:06 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B4E023E.D0B6191D@preferred.com>
Source record: 8176

Hank,

The comments about my professional background where aimed at Charles, who seems to put great stock in professionals, quoting what "they" think. But, never have I seen him site his professional background in the world of computer science, programming, or computer/software engineering.

My question to you was to expand on your statement of Linux lacking what other Unix's (Unicies?) have. In this I am interested. You learn and make decisions by looking at both sides technically and rationally. I never said anything about "not trusting" you. If a salesman were to tell you that one car was superior to another because "it has more features", wouldn't you want to know what those features were before buying? Also, isn't saying "just read the Unix man pages" like telling somebody to read the Encyclopedia Britannica with out a set subject to look for? :-)

Is Linux the great do-all for-all that some Linux zealots preach. Of course not. But, then neither is any MS Windows product, Sun OS, Mac OS or any other. That is why your resume and mine contain so many different OSs and laguages. Different problems have different solutions. There is no one all great OS or language.

If you cosider the kernel is lacking in certain areas, and take the notion to, you can fix those deficiencies. You have everything you need. You are not reliant on some other enity to decide it's important enough to add.

Is Linux for everybody? A hearty absolutely no on that. I have been using Linux since around 1994 and every time I upgrade the kernel or X the Linux powers that be throw a new monkey wrench in to break something I am used to, Just because it sounded nifty to do. Right now I am fighting a war with Xfree 4.1 for my Nvidia Geforce2 MX. But, that is my choice.

Will I tell people they are stupid and call them names because they use something other then what I do. No.

Hank Oredson wrote:
>
> "Jeff Pierce" <piercej@preferred.com> wrote in message
> news:3B4DAAF7.F689B01A@preferred.com...
> > Charles,
> >
> > You really ought to read something before you make statements about it.
> > In the original post I stated "both in the personal and professional

> > environment". Just to set the record straight about the the "boy", I
> > have been a professional software engineer for over 20 years after
> > obtaining my B.S. in Computer Science. Working with systems from TI 990,
> > DEC PDP-11s and VAXs BEFORE the release of the IBM PC. OSs used include
> > DX-10, RSX-11M, Unix on the VAX, and PDOS just to name a few. My career
> > for the past fifteen years has been more in the embedded systems area.
> > You state "pro's you know", what about your own "professional
> > background"?
> >
> > For Hank,
> >
> > You stated Linux's lacking in several areas. Which areas?
>
> Like I said, read the man pages for (e.g.) HP-UX and Solaris.
>
> Linux is slowly picking up all the bits one would like in a kernel,
> but it ain't there yet. The fact that a subset of the applications
> one would run on *nix can run on Linux is nice, but there are
> still many applications that cannot (yet) be ported.
>
> If you want a pissing contest, I win: 40 years of experience with many
> flavors of hardware (from mainframes to micros), a dozen or two
> operating systems, and dozens of languages. Since you won't trust
> anything I might say about the various unices, I suggested you read
> the man pages yourself.
>
> Linux is an excellent *nix. So are several others.
>
> What is your suggestion for an improved layer 1-4 protocol for ham radio?
>
> --
>
> ... Hank
>
> http://horedson.home.att.net

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1539. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 05:03:50 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkt05089rgq4ac@corp.supernews.com>
Source record: 8177
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

(Aside from OE expanding "//" to "f i l e : / / " ...)

'//' is tokenized to indicate that the rest of the line is a comment, and
otherwise ignored by the compiler.

In the bad old days before real C++ compilers came along, NEC's compiler
used the old standard C preprocessor. In standard C, the division of labor
is such that the preprocessor eats the comments before passing the stream to
the first stage compiler. The preprocessor knew nothing about '//' comments,
since this was outside its pervue. What problems do you think this might
introduce?

#define FOO 127 // a thoughtful comment

```
int i = 0;
while (i < FOO) {
...
}
```

It took more than a little sleuthing to find the cause of the compiler
error. It indicated some problem with the closing brace, IIRC. If you happen
to spot the problem, don't pat yourself on the back too hard. I pointed your
attention to it with the leadup.

Mike.
N9XI

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10107120826490.18117-100000@exp.bde-arc.ampr.org...
> On 12 Jul 2001, Rob Janssen wrote:
> > Hank Oredson <horedson@att.net> wrote:
> > >"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > >news:slrn9kpfng.1go.nomail@linux.pe1chl.ampr.org...
> > >> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > >> >In any event and although I haven't bothered to check for this, if
ANSI C
> > >has
> > >> >even one construct or language definition that is NOT included in
C++ then
> > >it
> > >> >cannot be a subset because C++ would not be a superset.
> >
> > >> int i;
> >
> > >> i = 2 file://* a cleverly placed comment */ 2

> > >> ;
> >
> > >> compile with Ansi C, and i will be 1. Compile with C++ and i will be
2.
> >
> > >> Rob
> >
> > >If the person that wrote the above code worked for me ...
> > >.. they would be out of a job.
> >
> > It is not meant to be an example of good code (although it actually is a
> > good way to see if code was compiled on Ansi C vs some substandard C)
but a
> > demo of the fact that Ansi C understands the file://* language construct
whereas
> > C++ doesn't.
>
> But that still leaves the question: Implementation bug, or a difference
in the
> BNF-parsed defintion of the two "flavors" of the language? It looks to me
as
> possibly a difference in the order (right-to-left or left-to-right) of
parsing
> the literals into tokens (the "//" vs. "/*" comment operators) by the
> pre-parser/macro expansion pass.
>
> I have only seen the formal language definition of the original C
language, not
> the ANSI standardized version or that of C++, so I can't answer my own
question
> without seeing these.
>

1540. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 05:46:38 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkt2lehrg3u13c@corp.supernews.com>
Source record: 8178
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Oooh, the memories this dredges up...

In the months leading up to the public release of NT 3.1, I had many long heated discussions with windows-phobes on how NT really was an operating system despite not being UNIX. One common thread was the laundry list of features that all OS's must support, but NT does not. It went on daily. The discussions usually took the form of: "UNIX is a real OS; UNIX has feature A, NT doesn't. Therefore, NT isn't an OS. Ipso facto." The only conclusion one could draw is that NT isn't UNIX (and therefore isn't a real OS being the presumed corollary). In fact, anything that wasn't UNIX wasn't an OS. I had the most fun when the less enlightened touted some shell function as a UNIX trademark. Unix bashing and baiting became one of my favorite lunch-time hobbies for a short period.

Aside from simply reminiscing, your mention of 'tabify' in context of distinguishing features in the development environments strikes me as belonging in this vein. Shirley you must be yoking! This can't be the result of any thoughtful tour of features. All kidding aside, you owe yourself a better look. Find someone who really believes in the tool, and have her show you what it can really do. The tool integration is superb, bar none, with coverage that doesn't leave much wanting.

Anyway, if yours doesn't build ATL COM objects, it isn't really a development system. Is it?

<srt@nospam.unt.edu> wrote in message
news:9ikdh9$a2c$3@hermes.acs.unt.edu...
>
> In comp.os.linux.networking Charles Brabham <n5pvl@the-i.net> wrote:
>
> A few years ago (say, 10-15 years ago), we "professional programmers"
> used to occassionally make fun of the people working on their toy
> systems, with their toy operating systems, and toy development tools.
> Now the toys (windows and PCs) have grown up a bit, and the
> toy-programmers are starting to insult the professional programmers in
> the same way.
>
> Now I will say this (should make Charles happy): after some of these
> discussions, I have gone back and looked at the latest version of
> Visual C++ and must say that it surprised me that it incorporated so
> many good features. Older versions were definitely *not* this good
> (and easily fell into the category of "toy development tools" that I
> mentioned above). So Windows is definitely starting to get some good
> development software out there.

>
> Now to add one last dig in here, I just thought I'd point out that the
> good features that MS added to Visual Studio seem in large part to be
> things taken out of the tools we Unix-heads have been using for a
> while. Real evidence of this under "Advanced Tools" are tools
> called "tabify" and "untabify" -- not real English words, but
> coincidentally exactly the name of the functions in emacs. Now I
> wonder where the MS people might have gotten the idea for this from? :-)
>
> So congratulations on catching up. You're finally getting up to the
> level of the development tools that we've had for 15-20 years (that I
> was using under SunOS at least as early as 1985, and under Linux since
> 1992).
>
> --
> Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
> Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
> University of North Texas | or better,' so I installed Linux."
> Denton, TX 76201 |

1541. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 06:11:48 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkt44i2b3oe6b9@corp.supernews.com>
Source record: 8179
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Gareth Rowlands" <gareth@lightfox.demon.co.uk> wrote in message
news:20010712.152014.77@lightfox.demon.co.uk...
> 'third or fourth' still rates pretty high in my book, higher still is
> a radio amateur who constructs his own kit rather than one who just
> uses 'black boxes'. Maybe there is a parallel to be drawn in the
> computing world ?
>
> I can quite appreciate why a radio amateur would not want to use a
> 'kit form' operating system, preferring instead a shiny 'black box'
> style OS with lots of bells and whistles, but that is no good reason
> to dismiss those who pull together and make their own software in
> their own time any more than those who do likewise with hardware in
> amateur radio.

I was skeptical at first, but have to agree on the parallel. Linux as a kit-form OS is a myth. For the majority, it might mean struggling with install scripts. It's a rare bird who actually builds a kernel for himself. Even there, you follow the prompts, much as you might check off construction steps in a kit. Neither task requires much high level thinking to accomplish. You didn't learn much about OS'es and computers, and you didn't necessarily learn anything about how a radio works. You might learn a thing or two about component insertion and soldering, though.

Tinkering together small software is akin to wiring up a tuna tin II from scratch. Both are larger accomplishments, and worthy of some sense of personal achievement. The parallel still holds true. The tuna tin might pull a few Q's, but even the simplest kit rig works far better. Even so, even the best kits fall far short of the standards set by even the lowliest of the mainstream "black boxes".

It's a very rare person who can modify the kernel to work with his homebrew modem, for example, perhaps as rare as the person who can conceive and manhattan a better detector section for his K2. We're not in awe of these accomplishments, since the perpetrator likely does something related for a living anyway. And so the parallel holds still true.

1542. Re: PSK31 for PocketPC?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 06:36:56 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkt5jcb3j70a8f@corp.supernews.com>
Source record: 8180

"Michael Young" <mikewhy@my-deja.com> wrote in message
news:tkqblg4b9itlfd@corp.supernews.com...
> Is there a PSK31 implementation for PocketPC's?

Coming up empty both here and in a google search, I presume that there isn't one. The Compaq iPaq has built-in audio, and seems an ideal companion for the tiny psk-only rigs. I guess I can take a shot at building the software...

1543. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 07:15:08 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kt7vr.fbi.nomail@linux.pe1chl.ampr.org>
Source record: 8181
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

```
Michael Young <mikewhy@my-deja.com> wrote:
>(Aside from OE expanding "//" to "f i l e : / / " ...)

Now *that* is *really* dumb!

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+
```

1544. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 10:26:32 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9imick0qn3@enews1.newsguy.com>
Source record: 8182
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

"Gareth Rowlands" <gareth@lightfox.demon.co.uk> wrote in message
news:20010712.152014.77@lightfox.demon.co.uk...
> In article <9ij78d064f@enews3.newsguy.com>,
> n5pvl@the-i.net ("Charles Brabham") wrote:
>
> > Fact is, Linux is not second rate overall, it is closer to third or
> > fourth. - But among internet professional wannabee's, cheap bastards,
> > crackpots that envy Bill Gates beciuse he actually accomplished
> > something, and naive college students, it rates high.
>
>
> 'third or fourth' still rates pretty high in my book, higher still is
> a radio amateur who constructs his own kit rather than one who just
> uses 'black boxes'. Maybe there is a parallel to be drawn in the
> computing world ?

I believe you are right. That's why I refer to Linux as a learning tool.

>
> I can quite appreciate why a radio amateur would not want to use a
> 'kit form' operating system, preferring instead a shiny 'black box'
> style OS with lots of bells and whistles, but that is no good reason
> to dismiss those who pull together and make their own software in
> their own time any more than those who do likewise with hardware in
> amateur radio.

I do not dismiss them, but on the other hand I do not pretend that those
efforts can in any way compare with the real thing. When my son was five, we
all enjoyed his finger-paintings, and hung them up on the refrigerator.
These Linux bots expect us to hang their "finger paintings" up in the museum
of fine art, shoving a few Monets and Rubens off into a dusty store room
somewhere in the back.

They are not just stupid, they are uncultured barbarians.

>
> > Professional programmers know better.
>
> There are good and bad professional programmers, there are good and
> bad amateur programmers. There are good and bad radio professionals,
> there are good and bad radio amateurs.

... and there are good and bad arguements.

Charles, N5PVL

1545. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 13:10:05 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <NqC37.3154$gj1.223204@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8183

Last I looked (6 months ago perhaps) it was still missing sem() and shmem().

Was looking into the possibility of porting some code from Solaris
that relied on semaphores and shared memory ...

I have nothing at all against Linux. "It's just another Unix".

--

... Hank

http://horedson.home.att.net

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B4E023E.D0B6191D@preferred.com...
> Hank,
>
> The comments about my professional background where aimed at Charles,
> who seems to put great stock in professionals, quoting what "they"
> think. But, never have I seen him site his professional background in
> the world of computer science, programming, or computer/software
> engineering.
>
> My question to you was to expand on your statement of Linux lacking what
> other Unix's (Unicies?) have. In this I am interested. You learn and
> make decisions by looking at both sides technically and rationally. I
> never said anything about "not trusting" you. If a salesman were to tell
> you that one car was superior to another because "it has more features",
> wouldn't you want to know what those features were before buying? Also,
> isn't saying "just read the Unix man pages" like telling somebody to
> read the Encyclopedia Britannica with out a set subject to look for? :-)
>
> Is Linux the great do-all for-all that some Linux zealots preach. Of
> course not. But, then neither is any MS Windows product, Sun OS, Mac OS
> or any other. That is why your resume and mine contain so many different
> OSs and laguages. Different problems have different solutions. There is
> no one all great OS or language.
>
> If you cosider the kernel is lacking in certain areas, and take the
> notion to, you can fix those deficiencies. You have everything you need.
> You are not reliant on some other enity to decide it's important enough
> to add.
>
> Is Linux for everybody? A hearty absolutely no on that. I have been
> using Linux since around 1994 and every time I upgrade the kernel or X
> the Linux powers that be throw a new monkey wrench in to break something

> I am used to, Just because it sounded nifty to do. Right now I am
> fighting a war with Xfree 4.1 for my Nvidia Geforce2 MX. But, that is my
> choice.
>
> Will I tell people they are stupid and call them names because they use
> something other then what I do. No.
>
> Hank Oredson wrote:
> >
> > "Jeff Pierce" <piercej@preferred.com> wrote in message
> > news:3B4DAAF7.F689B01A@preferred.com...
> > > Charles,
> > >
> > > You really ought to read something before you make statements about it.
> > > In the original post I stated "both in the personal and professional
> > > environment". Just to set the record straight about the the "boy", I
> > > have been a professional software engineer for over 20 years after
> > > obtaining my B.S. in Computer Science. Working with systems from TI 990,
> > > DEC PDP-11s and VAXs BEFORE the release of the IBM PC. OSs used include
> > > DX-10, RSX-11M, Unix on the VAX, and PDOS just to name a few. My career
> > > for the past fifteen years has been more in the embedded systems area.
> > > You state "pro's you know", what about your own "professional
> > > background"?
> > >
> > > For Hank,
> > >
> > > You stated Linux's lacking in several areas. Which areas?
> >
> > Like I said, read the man pages for (e.g.) HP-UX and Solaris.
> >
> > Linux is slowly picking up all the bits one would like in a kernel,
> > but it ain't there yet. The fact that a subset of the applications
> > one would run on *nix can run on Linux is nice, but there are
> > still many applications that cannot (yet) be ported.
> >
> > If you want a pissing contest, I win: 40 years of experience with many
> > flavors of hardware (from mainframes to micros), a dozen or two
> > operating systems, and dozens of languages. Since you won't trust
> > anything I might say about the various unices, I suggested you read
> > the man pages yourself.
> >
> > Linux is an excellent *nix. So are several others.
> >
> > What is your suggestion for an improved layer 1-4 protocol for ham radio?
> >
> > --
> >
> > ... Hank
> >
> > http://horedson.home.att.net

>
> --
> Jeff Pierce
> piercej@preferred.com
> http://pages.preferred.com/~piercej
>
>
> -----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
> http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
> ------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1546. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 14:15:27 UTC
From: magne@clustra.com
Message-ID: <m3pub47w5c.fsf@clustra.com>
Source record: 8184

"Hank Oredson" <horedson@att.net> writes:

> Last I looked (6 months ago perhaps) it was still missing sem() and shmem().
>
> Was looking into the possibility of porting some code from Solaris
> that relied on semaphores and shared memory ...
>

I wonder where you looked?

Shared memory and Sys.V-style semaphores have been in place
since (at least) 1993.

I guess Posix (1003.1b) semaphores came somewhat later, but it's
there now (as part of the LinuxThreads library).

--Magne / la1bfa

1547. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 14:49:08 UTC
From: srt@nospam.unt.edu
Message-ID: <9in1p4qto1@hermes.acs.unt.edu>
Source record: 8185
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

In comp.os.linux.networking Michael Young <mikewhy@my-deja.com> wrote:

> In the months leading up to the public release of NT 3.1, I had many long
> heated discussions with windows-phobes on how NT really was an operating
> system despite not being UNIX. One common thread was the laundry list of
> features that all OS's must support, but NT does not.

Despite my being a Unix snob, I would certainly not have had this
argument with you. The design of NT certainly makes it a "real OS",
and I don't harbor any illusions that Unix systems are the only real
OSes. There were many fine OSes in those days: VMS, Tops-10, MVS, ...
OTOH, when NT came out, the OSes on PC-class machines were Windows 3.x,
DOS, and MacOS (if you don't look at the PC Unix versions, which came
up a bit short), and all of those are definitely toys and not "real
OSes" by almost any definition (nor would I call Windows 9x a real
OS). But the design of NT held great promise (as did the design of
OS/2, incidentally), but the implementation has been a little
disappointing (although not as horrible as it could have been).

I've got Windows 2000 Professional installed on my laptop (along with
Linux), and it is pretty slick. However, there are obviously still
some issues because it can hang and freeze the machine on a somewhat
regular basis. Funny how that never has happened under Linux, even
though I use it about 10x as much....

> Aside from simply reminiscing, your mention of 'tabify' in context of
> distinguishing features in the development environments strikes me as
> belonging in this vein. Shirley you must be yoking! This can't be the result
> of any thoughtful tour of features. All kidding aside, you owe yourself a
> better look. Find someone who really believes in the tool, and have her show
> you what it can really do. The tool integration is superb, bar none, with
> coverage that doesn't leave much wanting.

The mention of "tabify" didn't really have anything to do with a
meaningful "tour of features". In fact, while I have used
tabify/untabify in the past, I don't consider that a particularly
vital feature (although I suppose if you use non-standard tab widths
like the default Visual Studio configuration, it could be extremely
useful!) -- it was the *name* and the fact that it was obviously taken
directly out of emacs that was the point. Visual Studio does have
some great features, but my point is that it has many of those good
features because it has copied many features from existing systems --
including the Unix/Linux tools that were being disparaged here. So
the point is that if the Unix/Linux tools are so horrible, why is
Microsoft copying features from them? Trying to play catch-up perhaps?

> Anyway, if yours doesn't build ATL COM objects, it isn't really a
> development system. Is it?

Heh.

--
Steve Tate --- srt[At]cs.unt.edu | Gratuitously stolen quote:
Dept. of Computer Sciences | "The box said 'Requires Windows 95, NT,
University of North Texas | or better,' so I installed Linux."
Denton, TX 76201 |

1548. DRU-2 Digital Recording Unit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 16:09:43 UTC
From: psteven799@aol.com
Message-ID: <20010713120943.02943.00001243@ng-bg1.aol.com>
Source record: 8186

Wanted DRU-2 digital recording unit for the Kenwood TS 950 SDX looking for one
please reply to my e-mail address many thanks

psteven799@aol.com

07747836193

steve

1549. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 17:42:56 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <AqG37.3752$gj1.327794@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8187

"Magne M&#65533;hre" <magne@clustra.com> wrote in message
news:m3pub47w5c.fsf@clustra.com...
> "Hank Oredson" <horedson@att.net> writes:
>
> > Last I looked (6 months ago perhaps) it was still missing sem() and
shmem().
> >
> > Was looking into the possibility of porting some code from Solaris
> > that relied on semaphores and shared memory ...
> >
>
> I wonder where you looked?
>
> Shared memory and Sys.V-style semaphores have been in place
> since (at least) 1993.
>
> I guess Posix (1003.1b) semaphores came somewhat later, but it's
> there now (as part of the LinuxThreads library).

Posix was what was needed, and I'm glad to hear the Threads library
is now working ... wasn't when I checked.

--

... Hank

http://horedson.home.att.net

1550. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 19:03:15 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107131903260.20699-100000@exp.bde-arc.ampr.org>
Source record: 8188
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

On 13 Jul 2001, Rob Janssen wrote:
> Michael Young <mikewhy@my-deja.com> wrote:
> >(Aside from OE expanding "//" to "f i l e : / / " ...)
>
> Now *that* is *really* dumb!

Maybe so, but that's also MicroSoft!

1551. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 19:32:18 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9kuj62.kot.nomail@linux.pe1chl.ampr.org>
Source record: 8189
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>On 13 Jul 2001, Rob Janssen wrote:
>> Michael Young <mikewhy@my-deja.com> wrote:
>> >(Aside from OE expanding "//" to "f i l e : / / " ...)
>>
>> Now *that* is *really* dumb!

>Maybe so, but that's also MicroSoft!

When it would have expanded C:\ to file://C|/ one could have believed that
something clever was being done... expanding // to file:// is not helping
anyone.

(of course one wonders why there is no deluge of lawsuits against MS,
considering the amount of damages done to the world by OE... a car
manufacturer or hamburger restaurant would have been sued to bankrupcy when
releasing a product like this)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1552. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-13 20:23:20 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B4F58B8.F1C5A6FA@preferred.com>
Source record: 8190

Off subject, but another good reason why to promote things other than Microsoft.

Just watched TechTV at lunch and the lead story is Microsoft has announced that MSN will no longer allow any email client other then Microsoft Outlook and Outlook Express to use MSN email service. Siting anti-spam as the reason for this, Eudora and any other non-Microsoft mail client will no longer be supported, or allowed access, as Microsoft will discontinue port 25 POP/SMTP access.

Looks to me like another "squash the competition" 600 pound gorilla action by Microsoft. Just like the did they browser competitors.

To paraphrase Ken Star, who TechTV interviewed, it was business as usual at Microsoft. Do anything they have to and can do to make all computer users need and rely on Microsoft products. He continued stating that this is another reason to contiue the anti-trust action.

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1553. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-14 01:56:23 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tkv9h8n32rmf2c@corp.supernews.com>
Source record: 8191
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

<srt@nospam.unt.edu> wrote in message
news:9in1p4qto1@hermes.acs.unt.edu...
> The mention of "tabify" didn't really have anything to do with a
> meaningful "tour of features". In fact, while I have used
> tabify/untabify in the past, I don't consider that a particularly
> vital feature (although I suppose if you use non-standard tab widths
> like the default Visual Studio configuration, it could be extremely
> useful!) -- it was the *name* and the fact that it was obviously taken
> directly out of emacs that was the point. Visual Studio does have
> some great features, but my point is that it has many of those good
> features because it has copied many features from existing systems --
> including the Unix/Linux tools that were being disparaged here. So
> the point is that if the Unix/Linux tools are so horrible, why is
> Microsoft copying features from them? Trying to play catch-up perhaps?

Copying features such as keyboard text entry? shelling a compiler with a few keystrokes? smart-indents? You can think of them as emacs features; I think of them as good, commonsense programmer tools. All of them pre-date emacs, in fact. Come to think of it, even the emacs implementations are not really part of emacs. IOW: they would have happened without emacs. Emacs just happened to be the first with a powerful enough macro language to allow its implementation. As for some incidental names, I would guess Stallman borrowed 'tabify' from Plaugher's pascal book. Or was that Kernighan's C book? One or the other, maybe even both.

See how much fun we're having? OS wars were fun, not because OSes are fun, but because other people's prejudices are fun.

Anyway, my other point was probably missed. Visual Studio really does take tools and integration to a higher level. The whole really is much, much larger than the mere sum of the individual parts and features. Forget my hyperbole; have someone you trust tell you about it.

As for disparaging other tools and environments: I haven't the time, energy, or even the inclination. I feel something more akin to pity than disdain for those struggling along with less. If I'm knocking your system with words, it's only because I'm having a bit of fun, possibly at your expense.

Mike.

1554. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-14 07:51:40 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B4FFA0C.C789FA9B@animats.net>
Source record: 8192
Cross-posted to: comp.os.linux.networking,rec.radio.amateur.digital.misc

Charles Brabham wrote:

> They are not just stupid, they are uncultured barbarians.

So this is really an "Is it art?" debate is it?

We're not uncultured, we're just promoting a culture you don't
understand.

I suspect your objections to Linux are based mostly on your own
personal sense of aesthetic, one that we don't have to share.

We're all free to choose, no?

Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1555. Amateur Radio Application over PACTOR et.al (was Re: GCC a joke?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-14 08:07:00 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B4FFDA4.AAA09835@animats.net>
Source record: 8193

Hank Oredson wrote:

> No limits on sub-addressing ... that is just a protocol issue at the
> PACTOR/CLOVER level (what happens at connect time? Some command).

I was meaning more from the perspective of how you address a particular service at a particular host. Sockets facilitate any individual host running multiple applications with the multiplexing handled at transport layer.

So you'd want to introduce some sort of transport/session management functionality as well, that's reasonable of course, so long as there is a way to do it that doesn't have dependencies on either the underlying protocol or that interferes with the application in question.

> So who wants to play?

I have a PTC-II, an IC-706 and a 20m dipole sitting here doing nothing because there appears to be nothing of interest happening on PACTOR other than BBS forwarding and the occasional packet radio gateway .. so I'm potentially interested. I'll warn you now though, I'm seriously time limited so whatever I do I'll do slowly :)

regards
Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1556. DXPSK US Version 1.8a is available today !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-14 09:51:42 UTC
From: chramade@aol.com
Message-ID: <20010714055142.26748.00003522@ng-mi1.aol.com>
Source record: 8194

Hello PSK31 Users...
The latest version of dxpsk by F6GQK is available on his site
http://members.aol.com/chramade/dxpsk.htm
Among other modifications, a macro wizard has been added

1557. FS: complete 56K packet setup.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-14 11:45:48 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <66c0ltsbdmf4511nqmrjbafbl8gbrt4jec@4ax.com>
Source record: 8195
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + Ottawa PI/2 card +
interconnecting cable. All in excellent condition. $300 shipped to
lower 48 states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1558. Re: Amateur Radio Application over PACTOR et.al (was Re: GCC a joke?)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-15 00:52:42 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <uP547.5528$gj1.504385@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8196

"Terry Dawson" <terry@animats.net> wrote in message
news:3B4FFDA4.AAA09835@animats.net...
> Hank Oredson wrote:
>
> > No limits on sub-addressing ... that is just a protocol issue at the
> > PACTOR/CLOVER level (what happens at connect time? Some command).
>
> I was meaning more from the perspective of how you address a particular
> service at a particular host. Sockets facilitate any individual host
> running multiple applications with the multiplexing handled at transport
> layer.

That's the point I made. Since the concept of a subchannel (socket
number or port id etc.) does not exist in those two protocols, one
has to do things differently. Single stream, so it's one circuit at a time,
and that circuit can run whatever protocol you want. Running multiple
subchannels is certainly possible (have done that) but takes a lot more
code, the code is more complex, and the data rate is kinda slow.

> So you'd want to introduce some sort of transport/session management
> functionality as well, that's reasonable of course, so long as there
> is a way to do it that doesn't have dependencies on either the
> underlying protocol or that interferes with the application in question.

The application doesn't care. It sees an ip connection to the appropriate
socket. It's the network shim that takes care of the details. I choose to
run that layer on a separate box, so it can live with the radios it controls.
Any old junker 386 or better works fine. Then the Windows or Linux
box just sees things as normal tcp/ip (possibly with that only-one-circuit
limitation). In many ways no different than PPP (and one could use PPP
I suppose).

> > So who wants to play?
>
> I have a PTC-II, an IC-706 and a 20m dipole sitting here doing nothing
> because there appears to be nothing of interest happening on PACTOR other
> than BBS forwarding and the occasional packet radio gateway .. so I'm
> potentially interested. I'll warn you now though, I'm seriously time
> limited so whatever I do I'll do slowly :)

Well ... that's all you get with smtp/pop/nntp/ftp. Same stuff exactly as the
existing BBS network, just different protocols to carry the data.

I don't think http makes much sense via PACTOR/CLOVER.

Have only CLOVER here, no PACTOR.

I'd be looking for someone who could dedicate an hour or two per day
for a few weeks to testing.

Maybe someone else is interested ...

--

... Hank

http://horedson.home.att.net

1559. Icom IC-706MKIIG + MFJ1274 = problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-15 06:26:27 UTC
From: charles hobbs <chobbs@socal.rr.com>
Message-ID: <3B513600.C86E1236@socal.rr.com>
Source record: 8197

OK, today I wired up an 8-pin DIN to 5-pin DIN cable to connect my Icom IC-706MKIIG
transceiver and my MFJ-1274 TNC, using the pinouts located in the manuals, and checking
the cable several times with a continuity checker.

Now for the moment of truth. I connect the radio to the TNC, and find that the packets,
which can be heard clearly in the receiver, for some reason are not making it to the TNC.
No indicators (DCD, tuning indicator) light up and no output is sent to the computer.

Transmitting doesn't seem to be a problem at all, though (the TNC has no problem keying
the transceiver, and sending out a packet into it. I can hear these packets just fine on a
nearby scanner)

The TNC itself seems to be ok; I have another cable that allows me to feed just the audio input
from the transceiver's phone jack into the TNC. If I do that, the TNC decodes the packets
and displays them onscreen.

The radio, and TNC, have both been set to 1200 Baud (for use on 2-meters)

The only thing I can think of is that the output from the Icom's TNC connector
is too low to be read reliably by the TNC. (Or was there some secret switch or
setting that I forgot to adjust?)

Well anyway, thanks in advance!

1560. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-15 11:01:29 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B517809.73E2E8CD@animats.net>
Source record: 8198

Hank Oredson wrote:
>
> Last I looked (6 months ago perhaps) it was still missing sem() and shmem().
>
> Was looking into the possibility of porting some code from Solaris
> that relied on semaphores and shared memory ...

You've surely overlooked something then.
Semaphores and Shared Memory have been standard features of the Linux kernel
since 1992.

regards
Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1561. MixW 2.0 RC 9 now available for downloads

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-15 17:41:38 UTC
From: Jim Jaffe <jaffejim@drugteach.org>
Message-ID: <9iskl4lkf1@bob.news.rcn.net>
Source record: 8199

Hi there fellow warblers... MixW version 2.0 RC9 has now been uploaded to
our website which is:
http://www.nvbb.net/~jaffejim/mixwpage.htm the following changes and updates
have been made:
- Expiration date (for unregistered users) is . August 1st 2001 Now
Supporting Dual Callsigns
For Registered Users (Must be at same address or MARS Callsign)
Added:
RC9 main changes:
- CW Old MixW 1.45 alg added
- SSTV Picture Preview in load picture dialog
- SSTV Tx load history tab
- TUNE transmitter menu item
- NEW MACROS
<WPM:nn> <WPM+nn> <WPM-nn> - for CW, absolute and relative speed change
<WPM:RX> Make TX speed equal to RX
<LOADPICTURE:filename> - if folder(directory) is on the place of
filename, RANDOM picture from that folder will be loaded.
<TUNE> - start tuning tone
<STOP> and <ESCAPE> - equivalence of keyboard Escape
- TEN-TEC PEGASUS support via external file (external PEGASUS control
software is required.
- SoundCard driver mode (Usual/DirectX) option is added.

1562. Rigcontrol FT757

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-16 11:49:18 UTC
From: Burkhard Roland 3818 <Roland.Burkhard@ascom.ch>
Message-ID: <3B52D4BE.F22D67C4@ascom.ch>
Source record: 8200

Hi there,

I am looking for infos on the computer command data of a FT 757. Can anybody help, may be by offering photocopies of the respective manual pages?

Please mail to roland.burkhard@ascom.ch

Thanks and regards

Roland, HB9BQR

1563. Re: PC interference to HF RX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-17 00:19:15 UTC
From: Paul <pvanasse@mail.direcpc.com>
Message-ID: <1NH67.6031$V9.509126@news.direcpc.com>
Source record: 8092

>Can anyone suggest a quick cheap and easy solution ?

There really isn't any cheap solution. I had the same problem which caused me to switch to a laptop. Works great now. The only other suggestion I would have is to try separating the equipment as far as possible (within reason) or try a different monitor.

1564. Re: Icom IC-706MKIIG + MFJ1274 = problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-17 13:26:28 UTC
From: charles hobbs <chobbs@socal.rr.com>
Message-ID: <3B543B6D.453E0C82@socal.rr.com>
Source record: 8051

charles hobbs wrote:

> OK, today I wired up an 8-pin DIN to 5-pin DIN cable to connect my Icom
> IC-706MKIIG
> transceiver and my MFJ-1274 TNC,

I did figure what was going on...forgot to set the HF/VHF switch on the back
to VHF!

Otherwise it works fine, although tweaking the transmit level may be in
order...

1565. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-17 15:55:45 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j1n5g0472@enews3.newsguy.com>
Source record: 8052

Moron "Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B4F58B8.F1C5A6FA@preferred.com...
> Off subject, but another good reason why to promote things other than
> Microsoft.
>
> Just watched TechTV at lunch and the lead story is Microsoft has
> announced that MSN will no longer allow any email client other then
> Microsoft Outlook and Outlook Express to use MSN email service. Siting
> anti-spam as the reason for this, Eudora and any other non-Microsoft
> mail client will no longer be supported, or allowed access, as Microsoft
> will discontinue port 25 POP/SMTP access.
>
> Looks to me like another "squash the competition" 600 pound gorilla
> action by Microsoft. Just like the did they browser competitors.

Don't have a clue, do you? Have you compared the performance and features of
"Hotmail", as compared to pop3 E-mail?

Microsoft will suffer, not "take over the world" as a result of their
decision to save bux on all those pop3 servers.

Another bit of Microsoft paranoia deflated. (It's easy to deflate opinoins
based on ignorance and prejudice.)

>
> To paraphrase Ken Star, who TechTV interviewed, it was business as usual
> at Microsoft. Do anything they have to and can do to make all computer
> users need and rely on Microsoft products. He continued stating that
> this is another reason to contiue the anti-trust action.

You can personally thank Bill Gates for the very existence of Linux, Bozoid.

If not for Microsoft, we would still be using 386's, and having to buy and
install numerous third-party software, just to come up with a decent
software suite. To get the equivilent of what MS bundles up with Windows
today, you would end up spending over five times as much.

Most rational people have no trouble seeing where a savings of 500% or more
is in their best interests.

Communinistic morons such as yourself just can't stand it when somebody
accomplishes something beyond the narrow limits of your personal prejudices,
especially if they make money by doing so.

News Flash: Many countries, including the former Soviet Socialist Republic,
have twigged onto the fact that socialism just plain doesn't work. Your
fit-throwing over the activities of a sucessful capitalist just make you

look stupid, petty and small-minded.

Charles, N5PVL

1566. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-17 20:31:52 UTC
From: Jeff Pierce <piercej@preferred.com>
Message-ID: <3B54A0B8.C89BF3E8@preferred.com>
Source record: 8053

Charles Brabham wrote:
>
> Moron "Jeff Pierce" <piercej@preferred.com> wrote in message
> news:3B4F58B8.F1C5A6FA@preferred.com...
> > Off subject, but another good reason why to promote things other than
> > Microsoft.
> >
> > Just watched TechTV at lunch and the lead story is Microsoft has
> > announced that MSN will no longer allow any email client other then
> > Microsoft Outlook and Outlook Express to use MSN email service. Siting
> > anti-spam as the reason for this, Eudora and any other non-Microsoft
> > mail client will no longer be supported, or allowed access, as Microsoft
> > will discontinue port 25 POP/SMTP access.
> >
> > Looks to me like another "squash the competition" 600 pound gorilla
> > action by Microsoft. Just like the did they browser competitors.
>
> Don't have a clue, do you? Have you compared the performance and features of
> "Hotmail", as compared to pop3 E-mail?

What exactly are those performance and features that make Hotmail so
mush better than POP3. My kids use Hotmail and the only real differenece
is Hotmail has advertisements, which is ofcourse what pays for it. If
you are asking others to compare features/performance, please at least
cite those that you consider inportant.

If you really knew anything about POP3 you would also know that POP3 is
a "PROTOCOL". It is a standard method for a client app to retreive Email
from an Email/POP3 server. How the mail is presented and organized, how
it replys, CC's, forwards, organizes addresses, etc are performed by the
cient app used by the user. POP3 has nothing to do with that, just a
standard method of getting it from the mail server to the client.
>
> Microsoft will suffer, not "take over the world" as a result of their
> decision to save bux on all those pop3 servers.
>
> Another bit of Microsoft paranoia deflated. (It's easy to deflate opinoins
> based on ignorance and prejudice.)

Nope, you display the ignorance by comparing pop3 and an Email http
server, i.e. Hotmail, They are two different things.

>
> >
> > To paraphrase Ken Star, who TechTV interviewed, it was business as usual

> > at Microsoft. Do anything they have to and can do to make all computer
> > users need and rely on Microsoft products. He continued stating that
> > this is another reason to contiue the anti-trust action.
>
> You can personally thank Bill Gates for the very existence of Linux, Bozoid.

No, you can thank Andrew Taunban(sp?), a Dutch professor who created the
Minix OS, a multitasking stripped down Unix like OS that he wrote to
accompany his execellent OS text book to give students source code to
look at, modify and improve as part of their studies. Then Linus
Trovlads used that as a base for his Master's project to extend its
capabilities. He made comments about what he was doing on a couple of
Internet newsgroups, several others made suggestions and also started
hacking it, with Linus being the coordinator, and the rest, as they say,
is history.
I gues you can actually thank the Internet for Linux's exsistance.

>
> If not for Microsoft, we would still be using 386's, and having to buy and
Also locked into all of the segmented memory models, virtual 8088
headaches and so much that caused all of the development/stability
headaches. Not to mention all of the bandaids to overcome DOS's problems
through Windows 3.1, and really slightly beyond.
Look at how many processors Linux has been ported to. If you develop an
app in C or any non-scripting (perl, etc), non byte-code (java) for
Windows,, how many platforms will it work on? Linux, along with X,
breaks that barrier. I have written apps, including ham apps, in C code
that with nly tweaking the serial port openning have run on Sun and
MacIntosh systems.
It is also said that IBM was going to use the Motorola 68000 in the PC,
A much better chip than the 8088 line at that time, had 32 bit linear
addressing and an external MMU, but Gates talked them out of it because
all his prodcts were based on the Intel line. Very smart move on his
part.
> install numerous third-party software, just to come up with a decent
> software suite. To get the equivilent of what MS bundles up with Windows
> today, you would end up spending over five times as much.

The only thing that Microsoft bundles with Windows is Explorer, and
maybe Outlook. Whatever else is included with a new system is done by
the computer supplier. Some include Word or the entire Office suite,
while some include Works.
Plus, now they are on "ghost" recovery disks. Not installable disks. So,
it is attached to that system only. If it tears up or is
stolen/destroyed, you cannot buy another system that does not include
what you had, or put a system together piece-by-piece and install the
shipped package. So you do not really OWN a copy of it. It is considered
part of the original system

>
> Most rational people have no trouble seeing where a savings of 500% or more

> is in their best interests.
>
Please cite your source for the 500% savings. I can not tell you how
much lost time I have re-installing Windows, having the "blue screen of
death" appear appear while installing a new software, etc.

All I know is it seems I see in pubs where a number of
companies/organizations, Amazon for one, are going to Linux, citing the
cost SAVINGS.

> Communinistic morons such as yourself just can't stand it when somebody
> accomplishes something beyond the narrow limits of your personal prejudices,
> especially if they make money by doing so.

No, I applaude Bill Gates, he is a buisness/marketing genuis to take a
non-stellar product to the penetration it has.
What I am againest is the methods of keeping that market. By way of the
600 lb. gorilla tactics.
Gates once said a number of years ago "that the Internet would never
amount to much." Well, he was wrong and Microsoft got caught with their
pants down. Netscape went hog wild. Microsoft's answer, Explorer, which
they bundled with Windows, i.e. free and already there. They claimed
that the integration of browser to OS WAS the next big evolutionary step
as the justification. Not that they were trying to drive Netscape out.
If that is true, then why did they just announce that the next release,
Windows XP, will allow you to easily remove Explorer and replace it with
another brand? Duh, who else is there in the Windows browser world that
is really usable/known by the ordinary user? Netscape is a shadow of
it's former self. Microsoft wins, they no longer have competetion in the
browser arena. But, I thought it was supposed to be the next step,
Explorer integrated so deeply in to the OS that it HAD to be there.
>
> News Flash: Many countries, including the former Soviet Socialist Republic,
> have twigged onto the fact that socialism just plain doesn't work. Your
> fit-throwing over the activities of a sucessful capitalist just make you
> look stupid, petty and small-minded.
If that were true in the buisness arena, then why do anti-trust/monopoly
laws exist. Why do mergers of mega coorprations have to attend
government hearings to assure that they will not have a monopoly after
the merger.

Right now Micrsoft is trying to be the old USSR style communism, we are
the ONLY choice, and we will do what ever it takes to BE the only
choice.
And they certainly don't intend to acheive that position through
superior products.
>
> Charles, N5PVL

Charles, once again you have neglected to state your computer
professional background experience as I have asked before. I really want
to know since you keep quoting "what computer professionals think of

Linux."

Also, why do you feel the need to rely on name calling and the such? Do you feel you are inadequate to express your views through civilized dialog?

--
Jeff Pierce
piercej@preferred.com
http://pages.preferred.com/~piercej

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
-----== Over 80,000 Newsgroups - 16 Different Servers! =-----

1567. TheNet commands?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 00:51:00 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <7km9ltgmovsue04vcml4pehpaps3lg92su@4ax.com>
Source record: 8054

I'm trying to find a DX Cluster I can connect to out here in the desert of Southern CA. I've listened on all the usual frequencies and so far have only heard one node - W6KK-8. I was able to connect easily, but the command set is not one I'm familiar with. I am familiar with AK1A's software and also CLX, but this one is different and the on-air help isn't much help. It says it is running a Z-80 machine with TheNet software. I found the TheNet website and downloaded what documentation they had, but it's mostly for sysops, not users.

Apparently after connecting to W6KK-8 you then have to connect to a different node for DX spots. Correct? I can get a list of various sub-nodes (?) including one that says it is a DX node, but trying to connect to them gets me nowhere. I must not have the commands right.

Any info or advice will be most appreciated.

73, Bill W7TI

1568. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 01:34:27 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j2p2m01j63@enews3.newsguy.com>
Source record: 8055

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B54A0B8.C89BF3E8@preferred.com...
> Charles Brabham wrote:
> >
> > Moron "Jeff Pierce" <piercej@preferred.com> wrote in message
> > news:3B4F58B8.F1C5A6FA@preferred.com...
> > > Off subject, but another good reason why to promote things other than
> > > Microsoft.
> > >
> > > Just watched TechTV at lunch and the lead story is Microsoft has
> > > announced that MSN will no longer allow any email client other then
> > > Microsoft Outlook and Outlook Express to use MSN email service. Siting
> > > anti-spam as the reason for this, Eudora and any other non-Microsoft
> > > mail client will no longer be supported, or allowed access, as
Microsoft
> > > will discontinue port 25 POP/SMTP access.
> > >
> > > Looks to me like another "squash the competition" 600 pound gorilla
> > > action by Microsoft. Just like the did they browser competitors.
> >
> > Don't have a clue, do you? Have you compared the performance and
features of
> > "Hotmail", as compared to pop3 E-mail?
>
> What exactly are those performance and features that make Hotmail so
> mush better than POP3. My kids use Hotmail and the only real differenece
> is Hotmail has advertisements, which is ofcourse what pays for it. If
> you are asking others to compare features/performance, please at least
> cite those that you consider inportant.

My point (made obvious by the next paragraph in that post) is that "hotmail"
does not compare to pop3. It sux!

Can you really imagine handling 50-100 messages a day with "Hotmail"? You'd
be at it all day! I get pretty good dial-up speed here (4800-5200) and still
do not waste my time on "Hotmail". My wife is one of those "technical
support" weenies for MSN, so she gets it for free. I used it for a while,
then decided I didn't like "Hotmail" and MSN's infantile browser, so I found
a local ISP that offers pop3 and usenet, which MSN no longer supports.
Sometimes we use the MSN dialup, if my ISP is having a hiccup, but that's
about it. My wife uses MSN, so she can find problems and develop "fixes" for
them, as part of her job. For her, the MSN account is a research tool. She
uses my pop3 account for her personal E-mail though, and accesses newsgroups
through my ISP, since MSN no longer offers those services.

If she paid for her MSN account, it would cost her over twenty bux a month. I pay half that, and get a lot more features and a lot less advertisements and junk mail from my local ISP.

DSL is available at my place. (I live between the library and the post-office, downtown) We are thinking about trying it out. I bet I don't use "Hotmail", even under those conditions. Less features, more delay.

I think people only use AOL or MSN because they don't know any better. On the other hand, MS has added an ability to use Outlook Express with http-based E-mail, which does help out a bit. In the long run, this may make http-based E-mail more practical and usable. Not having to have pop3 servers at thousands of MSN providers will save a bundle of cash for MSN, no doubt. It's all about making a buck, and keeping the overhead to manageable levels.

>
> If you really knew anything about POP3 you would also know that POP3 is
> a "PROTOCOL". It is a standard method for a client app to retreive Email
> from an Email/POP3 server. How the mail is presented and organized, how
> it replys, CC's, forwards, organizes addresses, etc are performed by the
> cient app used by the user. POP3 has nothing to do with that, just a
> standard method of getting it from the mail server to the client.
> >

That's why I said;

> > Microsoft will suffer, not "take over the world" as a result of their
> > decision to save bux on all those pop3 servers.
> >
> > Another bit of Microsoft paranoia deflated. (It's easy to deflate
opinoins
> > based on ignorance and prejudice.)
>
> Nope, you display the ignorance by comparing pop3 and an Email http
> server, i.e. Hotmail, They are two different things.

I think the real problem lies in your difficulty in reading and understanding plain English. I'm not one to write to "the lowest common denominator", so I guess you will have to make an extra effort to keep up to speed. Do you spend a lot of time around a university, by any chance? That would go far in explaining your abilities and attitudes.

>
> > >
> > > To paraphrase Ken Star, who TechTV interviewed, it was business as
usual
> > > at Microsoft. Do anything they have to and can do to make all computer
> > > users need and rely on Microsoft products. He continued stating that
> > > this is another reason to contiue the anti-trust action.
> >
> > You can personally thank Bill Gates for the very existence of Linux,
Bozoid.

Another point that whizzed right over your head.

>
> No, you can thank Andrew Taunban(sp?), a Dutch professor who created the
> Minix OS, a multitasking stripped down Unix like OS that he wrote to
> accompany his execellent OS text book to give students source code to
> look at, modify and improve as part of their studies. Then Linus
> Trovlads used that as a base for his Master's project to extend its
> capabilities. He made comments about what he was doing on a couple of
> Internet newsgroups, several others made suggestions and also started
> hacking it, with Linus being the coordinator, and the rest, as they say,
> is history.
> I gues you can actually thank the Internet for Linux's exsistance.
>

Then you go on to make the same point I made, with a different twist.

> >
> > If not for Microsoft, we would still be using 386's, and having to buy
and
> Also locked into all of the segmented memory models, virtual 8088
> headaches and so much that caused all of the development/stability
> headaches. Not to mention all of the bandaids to overcome DOS's problems
> through Windows 3.1, and really slightly beyond.
> Look at how many processors Linux has been ported to. If you develop an
> app in C or any non-scripting (perl, etc), non byte-code (java) for
> Windows,, how many platforms will it work on? Linux, along with X,
> breaks that barrier. I have written apps, including ham apps, in C code
> that with nly tweaking the serial port openning have run on Sun and
> MacIntosh systems.
> It is also said that IBM was going to use the Motorola 68000 in the PC,
> A much better chip than the 8088 line at that time, had 32 bit linear
> addressing and an external MMU, but Gates talked them out of it because
> all his prodcts were based on the Intel line. Very smart move on his
> part.
> > install numerous third-party software, just to come up with a decent
> > software suite. To get the equivilent of what MS bundles up with Windows
> > today, you would end up spending over five times as much.
>
> The only thing that Microsoft bundles with Windows is Explorer, and
> maybe Outlook. Whatever else is included with a new system is done by
> the computer supplier. Some include Word or the entire Office suite,
> while some include Works.
> Plus, now they are on "ghost" recovery disks. Not installable disks. So,
> it is attached to that system only. If it tears up or is
> stolen/destroyed, you cannot buy another system that does not include
> what you had, or put a system together piece-by-piece and install the
> shipped package. So you do not really OWN a copy of it. It is considered
> part of the original system
>
> >
> > Most rational people have no trouble seeing where a savings of 500% or
more
> > is in their best interests.

> >
> Please cite your source for the 500% savings. I can not tell you how
> much lost time I have re-installing Windows, having the "blue screen of
> death" appear appear while installing a new software, etc.
>

QEMM, NetScape, Eudora, Stacker, Central Point antivirus, and several
others. - All used to be third-party stuff you paid extra for. These are
just a few of the products "gobbled up" by Microsoft either through buyout
or the development of MS software to do the same thing, at various times. If
you remember, word processors like "WordPad" (ANY word processor!) used to
be expensive add-ons. Add 'em up. You don't need to buy any of these,
anymore. - And that represents a significant savings over having to buy each
item individually, in order to build up a good software suite as we used to
do in the late-386, early-486 days.

> All I know is it seems I see in pubs where a number of
> companies/organizations, Amazon for one, are going to Linux, citing the
> cost SAVINGS.
>
> > Communinistic morons such as yourself just can't stand it when somebody
> > accomplishes something beyond the narrow limits of your personal
prejudices,
> > especially if they make money by doing so.
>
> No, I applaude Bill Gates, he is a buisness/marketing genuis to take a
> non-stellar product to the penetration it has.
> What I am againest is the methods of keeping that market. By way of the
> 600 lb. gorilla tactics.
> Gates once said a number of years ago "that the Internet would never
> amount to much." Well, he was wrong and Microsoft got caught with their
> pants down. Netscape went hog wild. Microsoft's answer, Explorer, which
> they bundled with Windows, i.e. free and already there. They claimed
> that the integration of browser to OS WAS the next big evolutionary step
> as the justification. Not that they were trying to drive Netscape out.
> If that is true, then why did they just announce that the next release,
> Windows XP, will allow you to easily remove Explorer and replace it with
> another brand?

The silly lawsuit.

>Duh, who else is there in the Windows browser world that
> is really usable/known by the ordinary user? Netscape is a shadow of
> it's former self. Microsoft wins, they no longer have competetion in the
> browser arena. But, I thought it was supposed to be the next step,
> Explorer integrated so deeply in to the OS that it HAD to be there.
> >
> > News Flash: Many countries, including the former Soviet Socialist
Republic,
> > have twigged onto the fact that socialism just plain doesn't work. Your
> > fit-throwing over the activities of a sucessful capitalist just make you

> > look stupid, petty and small-minded.
> If that were true in the buisness arena, then why do anti-trust/monopoly
> laws exist. Why do mergers of mega coorprations have to attend
> government hearings to assure that they will not have a monopoly after
> the merger.

Socialistic elements in our society.

>
> Right now Micrsoft is trying to be the old USSR style communism, we are
> the ONLY choice, and we will do what ever it takes to BE the only
> choice.
> And they certainly don't intend to acheive that position through
> superior products.

That may or may not be their intention, but that is how it turned out.

> >
> > Charles, N5PVL
>
> Charles, once again you have neglected to state your computer
> professional background experience as I have asked before. I really want
> to know since you keep quoting "what computer professionals think of
> Linux."
>

I have no professional (by my definition) computer programming experience
whatsoever. By your definition (getting paid) I am a professional.

I am a systhesist. Calling me a "programmer" is like calling a artist who
uses glue to assemble his art a "glue-er".

I do know a number of programmers who fit my definition of "professional",
though, and am well aware of their preferences and attitudes. They do not
match up with yours, which are pretty liberal. The fact that your criteria
lands me in the "professional" category does not speak well of my ability,
instead it speaks of your amazingly low standards. - You've been hanging
around the university too long.

> Also, why do you feel the need to rely on name calling and the such? Do
> you feel you are inadequate to express your views through civilized
> dialog?

Not at all. I am merely being descriptive. If you struck me as being
outstandingly clever, I'd be quick to mention that, too! - But you don't.

Charles, N5PVL

1569. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 04:33:30 UTC
From: Michael Young <mikewhy@my-deja.com>
Message-ID: <tla48cga0hpoc9@corp.supernews.com>
Source record: 8056

"Jeff Pierce" <piercej@preferred.com> wrote in message
news:3B54A0B8.C89BF3E8@preferred.com...
> Charles Brabham wrote:
> >
> > Moron "Jeff Pierce" <piercej@preferred.com> wrote in message
> > news:3B4F58B8.F1C5A6FA@preferred.com...
> > > Off subject, but another good reason why to promote things other than
> > > Microsoft.
> > >
> > > Just watched TechTV at lunch and the lead story is Microsoft has
> > > announced that MSN will no longer allow any email client other then
> > > Microsoft Outlook and Outlook Express to use MSN email service. Siting
> > > anti-spam as the reason for this, Eudora and any other non-Microsoft
> > > mail client will no longer be supported, or allowed access, as
Microsoft
> > > will discontinue port 25 POP/SMTP access.

....

> If you really knew anything about POP3 you would also know that POP3 is
> a "PROTOCOL". It is a standard method for a client app to retreive Email
> from an Email/POP3 server. How the mail is presented and organized, how
> it replys, CC's, forwards, organizes addresses, etc are performed by the
> cient app used by the user. POP3 has nothing to do with that, just a
> standard method of getting it from the mail server to the client.

That's the whole point, Jeff. MSN will no longer support POP3. OE delivers
hotmail http email; very few or no other email clients do. (I'm wondering
what you're arguing about on this one. The remainder of your comments seem
to be anti-Microsoft.)

> Nope, you display the ignorance by comparing pop3 and an Email http
> server, i.e. Hotmail, They are two different things.

> > You can personally thank Bill Gates for the very existence of Linux,
Bozoid.
>
> No, you can thank Andrew Taunban(sp?), a Dutch professor who created the
> Minix OS, a multitasking stripped down Unix like OS that he wrote to
> ...

The proximal cause for Linux might be torvald's academic work. The root
cause would be traceable to man's need to build. The real reason is probably
more related to Charles's comment regarding Bill's direct and indirect
influence on all things Intel and PC. I suspect highly that DeskView's
unsuccessful bid for a slice of the PC desktop market is most directly

related. And for their dismal showing, you can thank Bill's gang for their remarkable marketing acumen.

> It is also said that IBM was going to use the Motorola 68000 in the PC,
...

I'm pretty sure they canvassed the entire chip spectrum, including Motorola's offerings.

> I can not tell you how
> much lost time I have re-installing Windows, having the "blue screen of
> death" appear appear while installing a new software, etc.

Have you ever built a kernel?

> All I know is it seems I see in pubs where a number of
> companies/organizations, Amazon for one, are going to Linux, citing the
> cost SAVINGS.

I doubt they're talking about OS purchase costs, so you might have to elaborate on where they say their savings are.

...
> They claimed
> that the integration of browser to OS WAS the next big evolutionary step
> as the justification. Not that they were trying to drive Netscape out.

That argument just stinks. GUI desktops, file browsers, TCP stacks, game interfaces, text-to-speech, speech recognition, disk compression, etc., are not rightly part of operating systems. Why focus on just the browser? How many competing browsers do we need for a healthy market? Mere inclusion of a feature doesn't seem to violate anyone's sense of fair play; witness the abbreviated list above. Netscape's problem seems to be that Microsoft gave away a *successful* product. I'm still at a loss to understand how it hurt me to not have to pay Microsoft to use it.

> Charles, once again you have neglected to state your computer
> professional background experience as I have asked before. I really want
> to know since you keep quoting "what computer professionals think of
> Linux."

I won't speak for Charles, but where I'm concerned, Linux is a toy system. You can use it to do useful work, both as a personal desktop and as a server. But even there, its performance ranges from merely adequate down to struggling. Doing even this much is a large accomplishment, and all who contributed are rightfully lauded. However, the achievement is in simply showing that it doesn't take a multi-billion dollar business to turn out an operating system. It pales in comparison to what all of us see and use daily. The best that can be said is that Linux shows potential, that it achieves what was state of the art as recently as three years ago. I can come up several reasons why you might choose Linux as a platform for a business critical application, but they can all be summarized into one of: it is "best of breed"; as a political statement; due to limited resources;

or "we don't know any better". The first -- being the best of all available choices -- is the only valid reason, and I'm coming up blank in the list of domains where that might be true for Linux.

Mike.
N9XI

1570. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 05:08:18 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <6R857.32127$47.11952316@news2.rdc2.tx.home.com>
Source record: 8057

You guys need to get a life. Give it a break. You sound
like a bunch of old ladies arguing about a recipe.

You're not even talking about the subject any longer,
you're competing in calling each other the bigger [expletive].

1571. Re: TheNet commands?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 07:54:57 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9lag6h.3uf.nomail@linux.pe1chl.ampr.org>
Source record: 8058

Bill Turner <w7ti@dslextreme.com> wrote:
>I'm trying to find a DX Cluster I can connect to out here in the
>desert of Southern CA. I've listened on all the usual
>frequencies and so far have only heard one node - W6KK-8. I was
>able to connect easily, but the command set is not one I'm
>familiar with. I am familiar with AK1A's software and also CLX,
>but this one is different and the on-air help isn't much help.
>It says it is running a Z-80 machine with TheNet software. I
>found the TheNet website and downloaded what documentation they
>had, but it's mostly for sysops, not users.

>Apparently after connecting to W6KK-8 you then have to connect to
>a different node for DX spots. Correct? I can get a list of
>various sub-nodes (?) including one that says it is a DX node,
>but trying to connect to them gets me nowhere. I must not have
>the commands right.

The connect command is C
So: C call

Where call is the callsign of the node you see in the table.

When this does not work, don't panic. NET/ROM networks usually don't work.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1572. FS: Dell Lattitude XPi Laptops for PSK-31 or MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 12:41:39 UTC
From: Paul <pvanasse@mail.direcpc.com>
Message-ID: <mYU67.6044$V9.514910@news.direcpc.com>
Source record: 8093
Cross-posted to: alt.ham-radio.marketplace,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

FOR SALE: (2) Dell Lattitude XPi laptop computers. Windows 98 OS. 90 MHz Pentium chipsets, 24 MB Ram, 770 MB Hard Drive. Built-in Track Ball, Battery, AC Power supply. Perfect for Digital Modes, Field Day, Mobile Station Operations, Logging, or just for eliminating computer monitor RF in the shack. $240 each plus shipping.

email: pvanasse@mail.direcpc.com

Thanks and 73

BT

1573. Looking for a simple PSK 31 TX/RX circuit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 13:40:44 UTC
From: funkeemonkee7@yahoo.co.uk
Message-ID: <41141056.0107180540.38ad65f2@posting.google.com>
Source record: 8059

Can anyone point me in the direction of a simple cicruit for home construction ?

1574. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 13:43:23 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j43ph013f3@enews2.newsguy.com>
Source record: 8060

Noted that Steve does not like the direction the discussion appears to be going.

;-)

Charles, N5PVL

"Steve Sampson" <k5okc@home.com> wrote in message news:6R857.32127$47.11952316@news2.rdc2.tx.home.com...
> You guys need to get a life. Give it a break. You sound
> like a bunch of old ladies arguing about a recipe.
>
> You're not even talking about the subject any longer,
> you're competing in calling each other the bigger [expletive].

1575. Re: Looking for a simple PSK 31 TX/RX circuit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 16:17:36 UTC
From: Alex <GO2U@GMX.DE>
Message-ID: <9j4com$n7e$00$1@news.t-online.com>
Source record: 8061

As far as you do not post your real name, you will not get serious replys.

Miner49er <funkeemonkee7@yahoo.co.uk> schrieb in im Newsbeitrag:
41141056.0107180540.38ad65f2@posting.google.com...
> Can anyone point me in the direction of a simple cicruit for home
construction ?

1576. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 20:33:43 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j4rqu01dro@enews3.newsguy.com>
Source record: 8062

Noted that Howard does not like the direction the discussion appears to be going, just like Steve.

;-)

Both are TAPR dweebs. Apparently the discussion somehow drifted astray of the TAPR "party line", a sure sign that there is a good deal of merit in what has most recently been said here.

Charles, N5PVL

"Howard Goldstein" <hgoldste@mpcs.com> wrote in message news:995469713.13839@news.queue.to...
> On Wed, 18 Jul 2001 08:43:23 -0500, Charles Brabham <n5pvl@the-i.net> wrote:
> : Noted that Steve does not like the direction the discussion appears to be
> : going.
> :
> : ;-)
>
> I dunno about him but I feel like the fellow who compared it (with
> fidelity, IMO) to the homebrew vs. storebought argument took the wind
> out of the discussion, at least from the hamming standpoint.

1577. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-18 23:51:38 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107182349050.31041-100000@exp.bde-arc.ampr.org>
Source record: 8063

On Wed, 18 Jul 2001, Charles Brabham wrote:
> Noted that Howard does not like the direction the discussion appears to be
> going, just like Steve.
>
> ;-)
>
> Both are TAPR dweebs. Apparently the discussion somehow drifted astray of
> the TAPR "party line", a sure sign that there is a good deal of merit in
> what has most recently been said here.

I think you're putting more faith in TAPR than anyone else in the amateur radio packet community ever did.

TAPR wasn't really anything more than just a REGIONAL group. Yes - they produced some hardware. Yes - they proposed many things that some in other areas heard about. However, they were never "national" in scope. There are many regional groups.

1578. Re: Looking for a simple PSK 31 TX/RX circuit

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-19 04:03:49 UTC
From: ccom2@socket.net
Message-ID: <3b565c0a.38782048@news.socket.net>
Source record: 8064

http://www.packetradio.com/psk31.htm

>Can anyone point me in the direction of a simple cicruit for home construction ?

1579. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-19 08:50:51 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <Lbx57.1034$gF5.164940@news2.rdc2.tx.home.com>
Source record: 8065

I haven't been a member of TAPR since Dewayne Hendricks
took over the company and merged it with Dandin. I don't
even know if they exist anymore.

But Chuckles knows this, and his only reason of bringing that
organizations name into the thread, is because of the day he ran
out of the Dallas Hamfest when the TAPR president asked him
to stand up and debate him with his views. His tail was so
far up his butt that everyone in the Southwest knows him for the
windbag that he is. A CB'er with a Ham ticket. This is the only
way he can get back at the 100's of Hams who laughed as he ran.

----- Original Message -----

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote
> On Wed, 18 Jul 2001, Charles Brabham wrote:
> > Noted that Howard does not like the direction the discussion appears to be
> > going, just like Steve.
> >
> > ;-)
> >
> > Both are TAPR dweebs. Apparently the discussion somehow drifted astray of
> > the TAPR "party line", a sure sign that there is a good deal of merit in
> > what has most recently been said here.
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> I think you're putting more faith in TAPR than anyone else in the amateur radio
> packet community ever did.
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> TAPR wasn't really anything more than just a REGIONAL group. Yes - they
> produced some hardware. Yes - they proposed many things that some in other
> areas heard about. However, they were never "national" in scope. There are
> many regional groups.

1580. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 01:11:55 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j80gn0mki@enews1.newsguy.com>
Source record: 8066

"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
news:Pine.LNX.4.10.10107182349050.31041-100000@exp.bde-arc.ampr.org...
> On Wed, 18 Jul 2001, Charles Brabham wrote:
> > Noted that Howard does not like the direction the discussion appears to
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> > going, just like Steve.
> >
> > ;-)
> >
> > Both are TAPR dweebs. Apparently the discussion somehow drifted astray
of
> > the TAPR "party line", a sure sign that there is a good deal of merit in
> > what has most recently been said here.
>
> I think you're putting more faith in TAPR than anyone else in the amateur
radio
> packet community ever did.
>
> TAPR wasn't really anything more than just a REGIONAL group. Yes - they
> produced some hardware. Yes - they proposed many things that some in
other
> areas heard about. However, they were never "national" in scope. There
are
> many regional groups.
>

I'll have to disagree with you there... Maybe you are thinking of TPRS ?

Charles, N5PVL

1581. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 01:40:00 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j825c0ovf@enews1.newsguy.com>
Source record: 8068

"Steve Sampson" <k5okc@home.com> wrote in message
news:Lbx57.1034$gF5.164940@news2.rdc2.tx.home.com...
> I haven't been a member of TAPR since Dewayne Hendricks
> took over the company and merged it with Dandin. I don't
> even know if they exist anymore.
>
> But Chuckles knows this, and his only reason of bringing that
> organizations name into the thread, is because of the day he ran
> out of the Dallas Hamfest when the TAPR president asked him
> to stand up and debate him with his views.

I know the HamCom you are thinking of, and no, Greg did not ask me to speak at that 'fest. If he had, I would have refused to do so.

The meeting you refer to was supposed to be a BBS SYSOP meeting, but there were maybe four actual BBS SYSOPs there. The other ten or fifteen attendees were Greg's pet LandLine Lids. You infer that you were there. Wanna make a stab at telling us which group you were in?

I was asked to speak there, by a BBS SYSOP I did not know, not by Greg Jones. The SYSOP told me that he thought Greg was full of crap, and asked me to attend. When I got there, that same "BBS SYSOP" stood up front and recited the "TAPR LandLine Lid party line", word for word, while nervously glancing back and forth between Greg and Harry to make sure he had gotten the "patry line" right. It was pretty pathetic.

Prior to this, Greg had refused to debate those same issues repeatedly on the TAPR "BBSSIG", going so far as to boot both myself and Hank Oredson W0RLI off of the reflector simply because he did not agree with what we had to say. (We kept insisting that "Amateur Telephone" had no place in Amateur RADIO, and Greg couldn't handle that.) Greg made avoiding debate with me a career, because he never came out looking too clever whenever he did so. That was because Greg was a moron who couldn't complete a paragraph without forgetting what he was trying to say. I'm sure he still is an idiot, to this day.

As Greg's pet "trained seal" went through his act, I saw the other real BBS SYSOPs getting disgusted. I was not the first, or last SYSOP to simply get up and leave the room, rather than sit and watch the "trained seal" embarass himself and all other SYSOPs as he continued his act.

Greg only feels secure when surrounded by ass-kissers and idiots such as yourself, hence the high ratio of assholes to actual BBS SYSOPs at the meeting.

On the way out, Paul Guido ran out to beg me to stick around. I just grunted and turned away, while my wife gently reminded him that the name of the hobby is "Amateur RADIO", not "Amateur telephone".

Later, every prediction I made about the stupidity of Greg's policies proved to be true, and his ideas were proven to be a load of ignorant crap. His predictions never came about, mine did.

>His tail was so
> far up his butt that everyone in the Southwest knows him for the
> windbag that he is. A CB'er with a Ham ticket. This is the only
> way he can get back at the 100's of Hams who laughed as he ran.

Nobody was laughing. Some embarassed begging from Paul went on, but that was all. The "BBS SYSOP" meeting went on, I suppose, with possibly two remaining SYSOPs, and Greg's cadre of ass-kissers and morons, a group I had no desire to be associated with. If you were there, you were part of that group, and you remain an ass-kissing moron to this day. No big surprise there.

Charles, N5PVL

1582. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 01:57:39 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9j836f0qcq@enews1.newsguy.com>
Source record: 8069

"Howard Goldstein" <hgoldste@mpcs.com> wrote in message
news:995544608.6240@news.queue.to...
> On Wed, 18 Jul 2001 15:33:43 -0500, Charles Brabham <n5pvl@the-i.net>
wrote:
> :
> : Noted that Howard does not like the direction the discussion appears
to be
> : going, just like Steve.
> :
> : ;-)
> :
> : Both are TAPR dweebs. Apparently the discussion somehow drifted astray
of
> : the TAPR "party line", a sure sign that there is a good deal of merit
in
> : what has most recently been said here.
>
> Mr. Brabham, your audience is clamoring to know how bashing
> homebrewers will help the hobby. What will you tell them?
>

The policies that you and other ass-kissing morons at TAPR put forward undermined and eventually almost killed packet radio in the US, while European Hams (With no TAPR) continued to advance and grow during that same period of time. Now the US packet net is dead, and the European packet net is at least ten years in advance of anything ever designed and built in the US. I bet you TAPR dweebs are real proud of your "accomplishment".

I do not "bash" homebrewers, just ignorant idiots who have taken on Linux as a new religion and go around lying about how Linux apps are so much better than professionally written stuff. I don't have much use for bald-faced liars... Or idiots. Sometimes innocent people mistakenly believe them, and then suffer for it.

By pointing out those lies, I do a great service to Hams everywhere. Sorry you can't handle that, but I can't say I'm surprised by that fact. Maybe you have trouble seeing past your nose because Greg's butt keeps getting in the way.

Charles, N5PVL

1583. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 02:19:09 UTC
From: Virginia Brabham <kb5iwt@the-i.net>
Message-ID: <9j84ep02lbn@enews3.newsguy.com>
Source record: 8070

"Steve Sampson" <k5okc@home.com> wrote in message
news:Lbx57.1034$gF5.164940@news2.rdc2.tx.home.com...
>snip<

In response to your post about that particular Ham fest I too was there and did not see him run out, scared or otherwise, but what I did see was several sysops, Charles not the first, leave. It was incorrectly announced that this would be a meeting for BBS sysops, not amatuer telephone. I have always been an advocate for ham radio, using radios....duh!

Either you were not there and are blindly parroting what you heard, or god forbid you were there but not very observant. As a fellow ham I think we should encourage the use and expansion of radios rather than telephones for hams. I love the internet as much as the next person, but I am pretty sure the next time a storm knocks out the electricty or something worse I would not be able to use the internet for ham communciations. I find this whole trend disturbing as somehow maybe you folks lost the original concept of Ham Radio....using radios.

KB5IWT

> But Chuckles knows this, and his only reason of bringing that
> organizations name into the thread, is because of the day he ran
> out of the Dallas Hamfest when the TAPR president asked him
> to stand up and debate him with his views. His tail was so
> far up his butt that everyone in the Southwest knows him for the
> windbag that he is. A CB'er with a Ham ticket. This is the only
> way he can get back at the 100's of Hams who laughed as he ran.
>
> ----- Original Message -----
>
> "D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote
> > On Wed, 18 Jul 2001, Charles Brabham wrote:
> > > Noted that Howard does not like the direction the discussion appears
to be
> > > going, just like Steve.
> > >
> > > ;-)
> > >
> > > Both are TAPR dweebs. Apparently the discussion somehow drifted astray
of
> > > the TAPR "party line", a sure sign that there is a good deal of merit
in
> > > what has most recently been said here.
> >

> > I think you're putting more faith in TAPR than anyone else in the
amateur radio
> > packet community ever did.
> >
> > TAPR wasn't really anything more than just a REGIONAL group. Yes - they
> > produced some hardware. Yes - they proposed many things that some in
other
> > areas heard about. However, they were never "national" in scope. There
are
> > many regional groups.
>
>
>

1584. FS: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 02:25:20 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <8k5fltovjnv254hfpmvekq5stvrvlnkego@4ax.com>
Source record: 8067
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1585. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 04:52:12 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <0OO57.6287$gF5.2087935@news2.rdc2.tx.home.com>
Source record: 8071

I just don't see what TAPR has to do with GCC or Linux. I don't
understand why they were brought into the thread.

"Virginia Brabham" wrote
>
> In response to your post about that particular Ham fest I too was there and
> did not see him run out, scared or otherwise, but what I did see was several
> sysops, Charles not the first, leave. It was incorrectly announced that
> this would be a meeting for BBS sysops, not amatuer telephone. I have
> always been an advocate for ham radio, using radios....duh!

1586. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 04:55:24 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107200454070.930-100000@exp.bde-arc.ampr.org>
Source record: 8072

On Thu, 19 Jul 2001, Charles Brabham wrote:
>"D. Stussy" <kd6lvw@bde-arc.ampr.org> wrote in message
>news:Pine.LNX.4.10.10107182349050.31041-100000@exp.bde-arc.ampr.org...
>> On Wed, 18 Jul 2001, Charles Brabham wrote:
>> > Noted that Howard does not like the direction the discussion appears to
>be
>> > going, just like Steve.
>> >
>> > ;-)
>> >
>> > Both are TAPR dweebs. Apparently the discussion somehow drifted astray
>of
>> > the TAPR "party line", a sure sign that there is a good deal of merit in
>> > what has most recently been said here.
>>
>> I think you're putting more faith in TAPR than anyone else in the amateur
>radio
>> packet community ever did.
>>
>> TAPR wasn't really anything more than just a REGIONAL group. Yes - they
>> produced some hardware. Yes - they proposed many things that some in
>other
>> areas heard about. However, they were never "national" in scope. There
>are
>> many regional groups.
>>
>
>I'll have to disagree with you there... Maybe you are thinking of TPRS ?

Definently not. I have not heard of TPRS.

If the amateurs in your area put any stake in what TAPR had to say about
anything, then I really feel sorry for you. Here in Southern California, the
SCDCC (now defunct) never really cared for what TAPR had to say.

1587. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 05:34:46 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <WpP57.12201$gj1.1279317@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8073

"Steve Sampson" <k5okc@home.com> wrote in message
news:Lbx57.1034$gF5.164940@news2.rdc2.tx.home.com...
> I haven't been a member of TAPR since Dewayne Hendricks
> took over the company and merged it with Dandin. I don't
> even know if they exist anymore.
>
> But Chuckles knows this, and his only reason of bringing that
> organizations name into the thread, is because of the day he ran
> out of the Dallas Hamfest when the TAPR president asked him
> to stand up and debate him with his views. His tail was so
> far up his butt that everyone in the Southwest knows him for the
> windbag that he is. A CB'er with a Ham ticket. This is the only
> way he can get back at the 100's of Hams who laughed as he ran.

Said TAPR president seems unable to debate ANYTHING
with anyone who might possibly disagree with his viewpoint,
leaving very little possibility for "debate".

Check out the BBS sysops forum if you think the above it not true.

Anyone with the temerity to disagree with the "Land Line Lid"
party line is summarily booted off.

--

... Hank

http://horedson.home.att.net

1588. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 05:35:22 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <uqP57.12202$gj1.1279086@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8074

"Steve Sampson" <k5okc@home.com> wrote in message
news:00057.6287$gF5.2087935@news2.rdc2.tx.home.com...
> I just don't see what TAPR has to do with GCC or Linux. I don't
> understand why they were brought into the thread.

Because the Nazis forced them to do it.
Thread dead now.

> "Virginia Brabham" wrote
> >
> > In response to your post about that particular Ham fest I too was there and
> > did not see him run out, scared or otherwise, but what I did see was
several
> > sysops, Charles not the first, leave. It was incorrectly announced that
> > this would be a meeting for BBS sysops, not amatuer telephone. I have
> > always been an advocate for ham radio, using radios....duh!

--

... Hank

http://horedson.home.att.net

1589. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 13:25:39 UTC
From: magne@clustra.com
Message-ID: <m3bsmfloks.fsf@clustra.com>
Source record: 8075

"Hank Oredson" <horedson@att.net> writes:

> Because the Nazis forced them to do it.
> Thread dead now.

Nope - sorry, Hank.
You can't godwinize a thread on purpose :)

(http://www.tuxedo.org/~esr/jargon/html/entry/Godwin's-Law.html)

--Magne / la1bfa

1590. PSK31 with Dell Laptop

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 21:16:19 UTC
From: pc@san.rr.com
Message-ID: <6423a30e.0107201316.6b6de676@posting.google.com>
Source record: 8077

I am contemplating getting PSK31 going and need some advice
from someone who has been down this road.

I have an 1 month old Dell Inspiron Laptop. Plenty of CPU and RAM but not
sure about the soundcard.

Looking at all the Interface Diagrams on the web, and commercially available
equipment, I only see interfaces to the line in and out on the PC.

This Dell has only headphones out, and mic in. Can I run PSK through these
i/o's ? Do I need to make any changes. Is there any commercial interface that
supports these connections.

My radio is an FT1000MP-V.

I prefer a laptop in the shack for space reasons (its a bedroom according to
the XYL !), and had big problems with RFI from a desktop.

Thanks in advance.

73 de paul
pc@san.rr.com

1591. Re: locator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 21:18:15 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B58A017.B83B0A1@dialpoint.net>
Source record: 8079

This is the Maidenhead locator system. It is a system that devides
the earth into what might also be called Grid Squares. It is a system of
leters and numbers that use the latitude and londitude to indicate where
you are. Most of the time you will have 2 leters and 2 numbers. Such
as my location in the middle of North Carolina is EM95. This breaks
down as the first 2 leters devide the earth into 20 by 10 deg areas.
The 95 then devides this area into 2 by 1 deg areas. Two small leters
can be used after this to give 5 by 2.5 minuits of area.

I am sure if you do a search you can find a program for this. One that
I have used is 'Great Circle Maps'. I think some of the logger type
programs have this in it and while it You can look in www.qrz.com and
find your grid locator by looking up your call . I am not sure if it is
exect as they may use the zip code to find the town you live in so it
will just be close.

Dave Clemence wrote:
>
> when working psk-31 I notice that several hams reference their locater
> number..... I assume this is a grid system..... Is there a place on the
> internet where one can get this information.... maybe print out a map?
>
> k5drc
> dave

1592. Re: locator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 21:55:14 UTC
From: Ryan <rkelzenberg@hotmail.com>
Message-ID: <6N167.12855$gj1.1340908@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8078

I would check out the AARL web site www.aarl.com I am going to suspect
they are using the same grid that is used in field day operations.

"Dave Clemence" <*******davesradio@alltel.net**********> wrote in message
news:9ja4h2$e1u$1@iac5.navix.net...
> when working psk-31 I notice that several hams reference their locater
> number..... I assume this is a grid system..... Is there a place on
the
> internet where one can get this information.... maybe print out a map?
>
> k5drc
> dave
>
>

1593. Re: locator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 22:22:19 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <CHXDvJAU9KW7EwkF@peaksys.co.uk>
Source record: 8080

In article <9ja4h2$e1u$1@iac5.navix.net>, Dave Clemence <*******davesrad
io@alltel.net**********> writes
>when working psk-31 I notice that several hams reference their locater
>number..... I assume this is a grid system..... Is there a place on the
>internet where one can get this information.... maybe print out a map?

It's the IARU locator system. Used in IARU Region 1 since 1985, but I
think you folks across the pond only started using it a good few years
later. It was originally called the Maidenhead locator system, after the
town in the UK where the meeting was held at which the system was
originally adopted.

There are lots of explanations on the web as to how the system works,
but you could try http://www.qsl.net/ei7gl/locsqr.htm

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1594. locator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-20 22:32:47 UTC
From: Dave Clemence <*******davesradio@alltel.net**********>
Message-ID: <9ja4h2$e1u$1@iac5.navix.net>
Source record: 8076

when working psk-31 I notice that several hams reference their locater number..... I assume this is a grid system..... Is there a place on the internet where one can get this information.... maybe print out a map?

k5drc
dave

1595. Re: PSK31 with Dell Laptop

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 00:43:33 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B58D035.6EF4E82C@dialpoint.net>
Source record: 8081

Download one of the free programs and try it. The headphones out should
put out plenty of voltage to drive the mic input or maybe whatever other
input for the transmitter you have. The mic in of the PC will probably
work also. You may have to pad the input to the PC if you want to
increase the volume on the receiver so that you can hear it in the rigs
speaker.

Paul wrote:
>
> I am contemplating getting PSK31 going and need some advice
> from someone who has been down this road.
>
> I have an 1 month old Dell Inspiron Laptop. Plenty of CPU and RAM but not
> sure about the soundcard.
>
> Looking at all the Interface Diagrams on the web, and commercially available
> equipment, I only see interfaces to the line in and out on the PC.
>
> This Dell has only headphones out, and mic in. Can I run PSK through these
> i/o's ? Do I need to make any changes. Is there any commercial interface that
> supports these connections.
>
> My radio is an FT1000MP-V.
>
> I prefer a laptop in the shack for space reasons (its a bedroom according to
> the XYL !), and had big problems with RFI from a desktop.
>
> Thanks in advance.
>
> 73 de paul
> pc@san.rr.com

1596. Re: PSK31 with Dell Laptop

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 03:52:15 UTC
From: dmccordnospam@usol.com
Message-ID: <3b58fbf1.18788762@news.usol.com>
Source record: 8082

I have used my laptop for psk31, I do it every time we go camping with
our travel trailer. I also used it for field day. I was lazy and
purchased a Rigblaster interface.
Have fun and remember to try all the bands not just 20 meters!
Delbert McCord
KA8OCN

On Fri, 20 Jul 2001 20:43:33 -0400, Ralph Mowery
<rmowery@dialpoint.net> wrote:

>Download one of the free programs and try it. The headphones out should
>put out plenty of voltage to drive the mic input or maybe whatever other
>input for the transmitter you have. The mic in of the PC will probably
>work also. You may have to pad the input to the PC if you want to
>increase the volume on the receiver so that you can hear it in the rigs
>speaker.
>
>Paul wrote:
>>
>> I am contemplating getting PSK31 going and need some advice
>> from someone who has been down this road.
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>> I have an 1 month old Dell Inspiron Laptop. Plenty of CPU and RAM but not
>> sure about the soundcard.
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>> Looking at all the Interface Diagrams on the web, and commercially available
>> equipment, I only see interfaces to the line in and out on the PC.
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>> This Dell has only headphones out, and mic in. Can I run PSK through these
>> i/o's ? Do I need to make any changes. Is there any commercial interface that
>> supports these connections.
>>
>> My radio is an FT1000MP-V.
>>
>> I prefer a laptop in the shack for space reasons (its a bedroom according to
>> the XYL !), and had big problems with RFI from a desktop.
>>
>> Thanks in advance.
>>
>> 73 de paul
>> pc@san.rr.com

1597. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 04:43:39 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <%L767.45700$C81.3854240@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8083

"Magne M�hre" <magne@clustra.com> wrote in message
news:m3bsmfloks.fsf@clustra.com...
> "Hank Oredson" <horedson@att.net> writes:
>
> > Because the Nazis forced them to do it.
> > Thread dead now.
>
> Nope - sorry, Hank.
> You can't godwinize a thread on purpose :)
>
> (http://www.tuxedo.org/~esr/jargon/html/entry/Godwin's-Law.html)
>
> --Magne / la1bfa

True, that is part of the rule (smile).

Guess we just have to wait a few more days for the thread
drift to get there by itself.

--

... Hank

http://horedson.home.att.net

1598. Using PSK31 with a Hamcom interface ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 16:07:30 UTC
From: miner_49er@hotmail.com
Message-ID: <3f432089.0107210807.521f6b80@posting.google.com>
Source record: 8084

I am thinking of getting on PSK31. Will a standard IC741 / 2N2222 / 1N4148 using 9 pin serial to key and PTT interface work, or do I need something else ?

Thanks

1599. PSK 31 and Psion 5

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 16:09:03 UTC
From: miner_49er@hotmail.com
Message-ID: <3f432089.0107210809.33d3f967@posting.google.com>
Source record: 8085

Just wondering ?

1600. 'Lil Rascal Interface, Anyone Using?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-21 18:24:43 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tlji7cadkm39e9@corp.supernews.com>
Source record: 8086

Anyone using the 'Lil Rascal digital interfaces? I would like to know your opinion as to the quality of construction. For $49 shipped to anywhere in the US, it looks like a pretty good deal.

Thanks,

Duffy - WB8NUT

1601. Needed TCM3105 for the project.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-22 07:47:45 UTC
From: "P.K.Chin" <pkchin@pd.jaring.my>
Message-ID: <9jdvr6$e7e$1@news4.jaring.my>
Source record: 8087

Hi everyone,

I am looking for this IC TCM3105 for our student's project. Can someone help me to locate where I can purchase two pieces for this project. I know that this chip is out of production by now. But I am sure someone may have two pieces around. Please help me.
My e-mail address: pkchin@pd.jaring.my. Thank you.

P.K.Chin,
9M2CW

1602. PC interference to HF RX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-22 10:06:24 UTC
From: miner_49er@hotmail.com
Message-ID: <3f432089.0107220206.12b49c8@posting.google.com>
Source record: 8088

My PC is causing too much interefence to my HF RX to allow reception of any digital data methods. I think alot of the interference is coming from the monitor. Can anyone suggest a quick cheap and easy solution ?

1603. Re: PC interference to HF RX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-22 15:31:07 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3B5AF1BB.968196F@ix.netcom.com>
Source record: 8089

Max -- few things are quick cheap and easy -- however see URL:
http://ac6v.com/comprfi.htm
I use a Toshiba Laptop -- all but eliminated the RFI.
--
73 From Rod AC6V In San Diego
700 Ham Topics & 6,000 Links
http://ac6v.com/
I Doubt, Therefore I Might Be!!!
==========
Max wrote:

> My PC is causing too much interefence to my HF RX to allow reception
> of any digital data methods. I think alot of the interference is
> coming from the monitor. Can anyone suggest a quick cheap and easy
> solution ?

1604. Re: Using PSK31 with a Hamcom interface ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-22 17:07:03 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B5B0837.C1BE69DC@dialpoint.net>
Source record: 8091

I am not sure what the psk31 programs use to key the transmitter, but you can forget the Hamcom nterface and just use the VOX on the transmitter to do the keying. YOu surely will not use the hamcom interface to do the receiving part in any of the jprograms I have seen. All you usually need to do is send the received audio to the soundcard and from the soundcard you need a couple of resistors to cut the audio level down. Think I uses something like a 100K from the sound card and 1K to ground then into the audio in on the transmitter.

Max wrote:
>
> I am thinking of getting on PSK31. Will a standard IC741 / 2N2222 /
> 1N4148 using 9 pin serial to key and PTT interface work, or do I need
> something else ?
>
> Thanks

1605. Re: Using PSK31 with a Hamcom interface ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-22 17:16:28 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <uVD67.47833$TW.237139@tor-nn1.netcom.ca>
Source record: 8090

You can receive PSK31 using a HAMCOMM interface and INTERCOMM software but
you CANNOT generate or transmit PSK31 signals using a HAMCOMM interface.

See http://ourworld.compuserve.com/homepages/pa3byz/rttymade.htm

73's
Rob

"Max" <miner_49er@hotmail.com> wrote in message
news:3f432089.0107210807.521f6b80@posting.google.com...
> I am thinking of getting on PSK31. Will a standard IC741 / 2N2222 /
> 1N4148 using 9 pin serial to key and PTT interface work, or do I need
> something else ?
>
> Thanks

1606. FS: Dell Lattitude XPi Laptops for PSK-31 or MFSK-16

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-23 13:08:20 UTC
From: Paul <pvanasse@mail.direcpc.com>
Message-ID: <qlV67.6045$V9.514957@news.direcpc.com>
Source record: 8094
Cross-posted to:
alt.ham-radio.marketplace,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.swap

FOR SALE: (2) Dell Lattitude XPi laptop computers. Windows 98 OS. 90 MHz Pentium chipsets, 24 MB Ram, 770 MB Hard Drive. Built-in Track Ball, Battery, AC Power supply. Perfect for Digital Modes, Field Day, Mobile Station Operations, Logging, Mobile or just for eliminating computer monitor RF in the shack. $240 each plus shipping.

email: pvanasse@mail.direcpc.com

Thanks and 73

BT

1607. Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-23 17:23:20 UTC
From: WH <whrudey@hotmail.com>
Message-ID: <3b5c6064$1_7@goliath.newsgroups.com>
Source record: 8095

Hi All,

Has anyone successfully used the KISS mode feature of the built in TNC's of the Kenwood TS-2000 or the THD7AG radios?

I am about to purchase both of these radios and I would like to use them in a KISS mode configuration to allow the host computers connected to them to use host software which requires KISS support.

Kenwood tech-support indicated that the TNC's are pretty basic but they are supposed to support KISS mode. However, in a contradictory statement, they indicated that it does support KISS but does not support binary transfers. A standard KISS mode TNC should support binary data due to the data escaping mechanism in the KISS protocol spec.

Any advice/comments would be hugely appreciated!

-Will

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1608. WF1B RTTY Page

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-23 22:00:59 UTC
From: Kevin J Prince <kevin@princ7.demon.co.uk>
Message-ID: <gLEQrKAb6JX7Ew41@princ7.demon.co.uk>
Source record: 8096

Greetings,

Can anyone point me at the WF1B web page please the normal one seems to
be missing. (http://www.wf1b.com/)

Is there a problem with his page??? or has he moved.???

Cheers Kevin G0NUP

--
Kevin J Prince

1609. Re: WF1B RTTY Page

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 00:28:08 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <v0gplt8ngrg9hns30uuip2u1jh79h61acf@4ax.com>
Source record: 8097

On Mon, 23 Jul 2001 23:00:59 +0100, Kevin J Prince
<kevin@princ7.demon.co.uk> wrote:

>Greetings,
>
>Can anyone point me at the WF1B web page please the normal one seems to
>be missing. (http://www.wf1b.com/)
>
>Is there a problem with his page??? or has he moved.???
>
>Cheers Kevin G0NUP

The page has been closed down temporarily, but Ray has promised
to open up another one soon. As you may know, Ray has gotten out
of the software business except for (paid) support help. You
might want to subscribe to the RTTY reflector:

http://lists.contesting.com/mailman/listinfo/rtty

73, Bill W7TI

1610. Re: PC interference to HF RX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 02:03:53 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9jil2j$a3q$1@slb2.atl.mindspring.net>
Source record: 8098

Most of the RFI/TVI emanating from computer systems into the HF bands comes from the high voltage monitor electronics and sweep circuitry. Laptops are the *only* way to go in radio shacks. No EMI from high voltage monitor sweep circuits. --Peter K1PO

"Max" <miner_49er@hotmail.com> wrote in message news:3f432089.0107220206.12b49c8@posting.google.com...
> My PC is causing too much interefence to my HF RX to allow reception
> of any digital data methods. I think alot of the interference is
> coming from the monitor. Can anyone suggest a quick cheap and easy
> solution ?

1611. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 10:20:33 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9lqivh.49t.nomail@linux.pe1chl.ampr.org>
Source record: 8099

WH <whrudey@hotmail.com> wrote:
>Kenwood tech-support indicated that the TNC's are pretty basic but they are
>supposed to support KISS mode. However, in a contradictory statement, they
>indicated that it does support KISS but does not support binary transfers. A
>standard KISS mode TNC should support binary data due to the data escaping
>mechanism in the KISS protocol spec.

>Any advice/comments would be hugely appreciated!

I don't own one of these devices, but I do know that Kenwood tech people
are well known for their ignorance about packet radio and the terminology.

So I would not be surprised if they wrote things like that.

There is (was? was this ever fixed?) a bug in the TNC firmware in that the
persistence parameter is misinterpreted. Setting it to 255 means to never
key the transmitter, instead of always keying it immediately.
This causes malfunction in combination with software that tries to do the
channel access on the PC (e.g. DAMA) and tries to help the user by setting
the parameters to "correct" values...

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1612. Re: PC interference to HF RX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 15:56:35 UTC
From: jdouglas@timewave.com
Message-ID: <3b5d9a72.4885874@news.minn.net>
Source record: 8100

On 22 Jul 2001 03:06:24 -0700, miner_49er@hotmail.com (Max) wrote:

>My PC is causing too much interefence to my HF RX to allow reception
>of any digital data methods. I think alot of the interference is
>coming from the monitor. Can anyone suggest a quick cheap and easy
>solution ?

try Timewave's ANC-4 Specs and manual are at <http://www.timewave.com>

733

John N&#65533;ISL
Sales Manager
Timewave Technology

1613. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 17:26:16 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B5DAFB1.5080200@dioxine.com>
Source record: 8101

Don't forget the "other" serious bug in the D7/D700 TNC; it simply
does not send acks to I-frames without the Poll bit set. Since the
Poll bit is normally only set as a result of a retry, this means that
a D7/D700 connected to anything other than another D/D700 will give
very poor performance, such as when connected to a BBS.

The D7/D700 also *always* sets the Poll bit on I-frames; this means
that one D7/D700 connected to another will give reasonable throughput
but this comes at the expense of channel loading. Further, this bug
forces non-D7/D700 TNCs to respond to every I-frame with an ack, which
reduces channel efficiency.

I wrote Kenwood a letter about this, and included a packet trace with
notes, and have heard nothing but deafening silence from them. I guess
that's what I get for the $700 that I spent for a TM-D700A.

My suspicion is that Kenwood/Tasco focused their development and testing
effort on the APRS capability of the TNC, which does not use connected-
mode AX.25.

Dana K6JQ
dana@dioxine.com

Rob Janssen wrote:

> There is (was? was this ever fixed?) a bug in the TNC firmware in that the
> persistence parameter is misinterpreted. Setting it to 255 means to never
> key the transmitter, instead of always keying it immediately.
> This causes malfunction in combination with software that tries to do the
> channel access on the PC (e.g. DAMA) and tries to help the user by setting
> the parameters to "correct" values...
>
> Rob
>

1614. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-24 18:56:47 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9jkgd701c8r@enews1.newsguy.com>
Source record: 8102

"WH" <whrudey@hotmail.com> wrote in message
news:3b5c6064$1_7@goliath.newsgroups.com...
> Hi All,
>
> Has anyone successfully used the KISS mode feature of the built in TNC's
of
> the Kenwood TS-2000 or the THD7AG radios?
>

Yes, I've seen KISS mode used sucessfully in both radios.

Charles, N5PVL

1615. Re: Speech Inverter (Inverseur de voix)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 00:19:20 UTC
From: Wanadoo <eb4df@wanadoo.es>
Message-ID: <9jl320jvl1@news.wanadoo.es>
Source record: 8103
Cross-posted to: alabama.birmingham.radio.amateur,aus.radio.scanner,es.rec.radio.amateur,in.ham-radio,nl.radio.amateur,nl.radio.scanners,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment

Pues esto esta muy bien pero como lo mandas a grupos de news con .ES haber si tambien lo mandas en Espa&#65533;ol.

"M. Heppell" <mheppell@sympatico.ca> escribi&#65533; en el mensaje news:u_m77.8477$A4.869396@news20.bellglobal.com...
> French au bas :
> ----------
>
> Hi, I'll explain you my problem. My city's police department crypts now her
> radio communications with a speech inverter system. For example, all sounds
> over than 1700Hz are reflexted under this sound frequency and opposite for
> the sounds under this frequency. I want make a little electronic system to
> decrypt this transmissions. It's for this reason that I need your help to
> know what kind of electronic piece I need... Thanks. If you may send me a
> plan or an exact procedure who to do it. Thanks!
>
>
> M. Heppell
>
> Please send me your answer to mheppell@sympatico.ca
> ----------
>
> Bonjour, je vous expose mon probl&#65533;me. La police de ma ville crypte
> maintenant ses communications radio avec un syst&#65533;me d'inversion de la voix.
> C'est &#65533; dire que, par exemple, tous les sons plus aigus que 1700Hz sont
> invers&#65533;s vers le dessous de cette fr&#65533;quence de son et le contraire pour les
> sons plus graves. &#65533;a donne un genre de charabia au lieu de la parole
> normale. Je veux d&#65533;crypter ou r&#65533;inverser pour pouvoir d&#65533;chiffrer ces
> transmissions. C'est l&#65533;gal au Canada seulement, il faut trouver comment les
> d&#65533;coder. C'est pourquoi je fais appel &#65533; vous pour trouver quel pi&#65533;ce
> &#65533;lectronique peut faire ce travail. Comme &#65533;a, je pourrais aller l'acheter
> et la brancher sur mon balayeur d'onde au lieu d'acheter au magasin un
> appareil qui fait ce travail et qui co&#65533;te plus de 150$ (750 francs). Merci
> d'avance!

>
> M. Heppell
>
> Svp envoyez-moi vos r&#65533;ponses au mheppell@sympatico.ca .
>
>
>
>
>

1616. Re: Speech Inverter (Inverseur de voix)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 00:59:13 UTC
From: Kevcat <kevcat@ozwebip.Spam.com.au>
Message-ID: <3B5E19E1.A02E29F6@ozwebip.Spam.com.au>
Source record: 8104
Cross-posted to: alabama.birmingham.radio.amateur,aus.radio.scanner,es.rec.radio.amateur,in.ham-radio,nl.radio.amateur,nl.radio.scanners,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment

There is a simple program available called "Invert"
it will do this for you using you computer and soundcard
just conect you scanner to your soundcard via a shielded audio cable
you can adjust the inverted freq to 1700Hz or to what ever you like

Kev

"M. Heppell" wrote:
>
> French au bas :
> ---------------
>
> Hi, I'll explain you my problem. My city's police department crypts now her
> radio communications with a speech inverter system. For example, all sounds
> over than 1700Hz are reflexted under this sound frequency and opposite for
> the sounds under this frequency. I want make a little electronic system to
> decrypt this transmissions. It's for this reason that I need your help to
> know what kind of electronic piece I need... Thanks. If you may send me a
> plan or an exact procedure who to do it. Thanks!
>
> M. Heppell
>
> Please send me your answer to mheppell@sympatico.ca
> ------------
>
> Bonjour, je vous expose mon problï¿½me. La police de ma ville crypte
> maintenant ses communications radio avec un systï¿½me d'inversion de la voix.
> C'est ï¿½ dire que, par exemple, tous les sons plus aigus que 1700Hz sont
> inversï¿½s vers le dessous de cette frï¿½quence de son et le contraire pour les
> sons plus graves. ï¿½a donne un genre de charabia au lieu de la parole
> normale. Je veux dï¿½crypter ou rï¿½inverser pour pouvoir dï¿½chiffrer ces
> transmissions. C'est lï¿½gal au Canada seulement, il faut trouver comment les
> dï¿½coder. C'est pourquoi je fais appel ï¿½ vous pour trouver quel piï¿½ce
> ï¿½lectronique peut faire ce travail. Comme ï¿½a, je pourrais aller l'acheter
> et la brancher sur mon balayeur d'onde au lieu d'acheter au magasin un
> appareil qui fait ce travail et qui coï¿½te plus de 150$ (750 francs). Merci
> d'avance!
>
> M. Heppell
>
> Svp envoyez-moi vos rï¿½ponses au mheppell@sympatico.ca .

1617. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 07:36:52 UTC
From: Thomas Mueller <Thomas.Mueller@HaCon.de>
Message-ID: <3B5E7714.4BB510F1@HaCon.de>
Source record: 8105

EB4EQA wrote:

> ï¿½Does anyone know can that be possible?
> ï¿½Anyone has the firmware for the pic?

http://www.dk7in.de/TinyTrak.html
(in german)

73 es 55 de DB1OTM
Thomas Mï¿½ller

1618. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 07:41:11 UTC
From: Thomas Mueller <Thomas.Mueller@HaCon.de>
Message-ID: <3B5E7817.4C4AB355@HaCon.de>
Source record: 8106

Thomas Mueller wrote:
> http://www.dk7in.de/TinyTrak.html
> (in german)

http://www.dk7in.de/TinyTrak_e.html
(in english)

73 es 55 de DB1OTM
Thomas Mi¿½ller

1619. Re: APRS with just a PIC16F84 (no MX164 or TMC3105)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 12:19:38 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC809DE33E6@www.premiersi.com>
Source record: 8107

Cool!

"Thomas Mueller" <Thomas.Mueller@HaCon.de> wrote in message
news:3B5E7817.4C4AB355@HaCon.de...
> Thomas Mueller wrote:
> > http://www.dk7in.de/TinyTrak.html
> > (in german)
>
> http://www.dk7in.de/TinyTrak_e.html
> (in english)
>
> 73 es 55 de DB1OTM
> Thomas M�ller

1620. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 16:20:08 UTC
From: JJ <JJ@home.com>
Message-ID: <xfC77.54913$Mb7.1785418@brie.direct.ca>
Source record: 8108

> > Has anyone successfully used the KISS mode feature of the built in TNC's
> of
> > the Kenwood TS-2000 or the THD7AG radios?
> >
>
> Yes, I've seen KISS mode used sucessfully in both radios.
>
> Charles, N5PVL

Excellent. Have you seen it handle 8-bit binary data using KISS mode?

The KISS protocol itself should handle the data transparency by escaping any binary char's that match KISS framing char's. And the serial interface is 8N1, which it has to be because the KISS framing chars (0xC0, 0xDB, 0xDC, 0xDD) all have bit 7 on.

However, someone in a prior posting thought that they did not support 8 bit transfer in KISS mode. The dealer I am trying to purchase these radios from is currently trying it but he indicated that its not working. I am thinking it would most likely be a configuration error and not lack of support of 8 bit KISS transfers. However, before I invest all this money, I am hoping someone has tried this already. Basically if anyone can confirm that they did a file transfer or sent an image using KISS or even used TCP/IP in KISS mode using these two specific radios.

Please let me know.

Best Regards!

1621. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 17:30:07 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <5NktdJAfGwX7EwqN@peaksys.co.uk>
Source record: 8109

In article <xfC77.54913$Mb7.1785418@brie.direct.ca>, JJ <JJ@home.com>
writes
>> > Has anyone successfully used the KISS mode feature of the built in TNC's
>> of
>> > the Kenwood TS-2000 or the THD7AG radios?
>> >
>>
>> Yes, I've seen KISS mode used sucessfully in both radios.
>>
>> Charles, N5PVL
>
>Excellent. Have you seen it handle 8-bit binary data using KISS mode?
>
>The KISS protocol itself should handle the data transparency by escaping any
>binary char's that match KISS framing char's. And the serial interface is
>8N1, which it has to be because the KISS framing chars (0xC0, 0xDB, 0xDC,
>0xDD) all have bit 7 on.
>
>However, someone in a prior posting thought that they did not support 8 bit
>transfer in KISS mode. The dealer I am trying to purchase these radios
>from is currently trying it but he indicated that its not working.

I don't know about the TS-2000, but KISS does work on the latest version
of the TH-D7. It didn't work on the original version. There is a
limitation in that the radio only has a very small buffer size. If you
look in the TH-D7 group on YahooGroups, you'll find some notes about it
from PE1DNN. He also sent the information on the packet network last
month.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1622. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 20:30:10 UTC
From: WH <whrudey@hotmail.com>
Message-ID: <TVF77.54946$Mb7.1788739@brie.direct.ca>
Source record: 8110

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:5NktdJAfGwX7EwqN@peaksys.co.uk...
> In article <xfC77.54913$Mb7.1785418@brie.direct.ca>, JJ <JJ@home.com>
> writes
>
> I don't know about the TS-2000, but KISS does work on the latest version
> of the TH-D7. It didn't work on the original version. There is a
> limitation in that the radio only has a very small buffer size. If you
> look in the TH-D7 group on YahooGroups, you'll find some notes about it
> from PE1DNN. He also sent the information on the packet network last
> month.

Was there any limitations with respect 8bit binary transfers in KISS mode
using the TH-D7? Kenwood support is telling me that don't support
transparent mode and hence no binary transfers. I don't believe them since
the KISS framing characters are 8bits. Unless their KISS firmware is doing
something strange like stripping the high order bit on all the data with in
the KISS frame.

So, have you see/heard anyone not able to send binary data via KISS mode?
Any input would be hugely appreciated!

Thanks in advance!

1623. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 21:21:51 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9lue3f.k0l.nomail@linux.pe1chl.ampr.org>
Source record: 8113

WH <whrudey@hotmail.com> wrote:
>Was there any limitations with respect 8bit binary transfers in KISS mode
>using the TH-D7? Kenwood support is telling me that don't support
>transparent mode and hence no binary transfers. I don't believe them since
>the KISS framing characters are 8bits. Unless their KISS firmware is doing
>something strange like stripping the high order bit on all the data with in
>the KISS frame.

That would have to be a very strange form of stripping, or else the
callsigns in the header, many control bytes, and the commonly used PID of
0xF0 would not survive the transmission either!

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1624. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 21:52:18 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <GuUSVVAd+zX7EweT@peaksys.co.uk>
Source record: 8111

In article <TVF77.54946$Mb7.1788739@brie.direct.ca>, WH
<whrudey@hotmail.com> writes
>"Roger Barker" <roger@peaksys.co.uk> wrote in message
>news:5NktdJAfGwX7EwqN@peaksys.co.uk...
>> In article <xfC77.54913$Mb7.1785418@brie.direct.ca>, JJ <JJ@home.com>
>> writes
>>
>> I don't know about the TS-2000, but KISS does work on the latest version
>> of the TH-D7. It didn't work on the original version. There is a
>> limitation in that the radio only has a very small buffer size. If you
>> look in the TH-D7 group on YahooGroups, you'll find some notes about it
>> from PE1DNN. He also sent the information on the packet network last
>> month.
>
>Was there any limitations with respect 8bit binary transfers in KISS mode
>using the TH-D7? Kenwood support is telling me that don't support
>transparent mode and hence no binary transfers.

Transparent mode and KISS mode are entirely different things.

The TH-D7 can't support transparent mode, because it only has XON/XOFF
handshaking. That doesn't mean it can't support KISS mode, because in
KISS mode you don't need any handshaking.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1625. Software Defined Radio -- Development Board

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-25 22:38:43 UTC
From: walt_white@southwestsoftware.com
Message-ID: <TTH77.46340$Cy.5766109@news1.rdc1.az.home.com>
Source record: 8112

The SW6x100 is a high performance, low cost daughterboard designed to work with any of the Texas Instruments 6x DSP Development Kits. It provides the components needed for rapidly prototyping a wide range of RF/IF applications. The daughterboard plugs in to any of the Texas Instruments 6x DSKs and provides a wideband analog interface for RF/IF product development. The SW6x100 comes with software drivers, example source code written in C, and an example project that uses the DSP/BIOS real time operating system to help you jumpstart your project.

Developers working with software defined radios may be interested:
Get the information at http://www.southwestsoftware.com/sw6x100.htm

1626. Re: Software Defined Radio -- Development Board

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 02:00:20 UTC
From: Jim Hale <steam@engine.com>
Message-ID: <UQK77.12046$Xk6.5538031@news2.rdc2.tx.home.com>
Source record: 8114

Now THAT looks cool!

<walt_white@southwestsoftware.com> wrote
>
>
> The SW6x100 is a high performance, low cost daughterboard designed to
> work with any of the Texas Instruments 6x DSP Development Kits. It provides
> the components needed for rapidly prototyping a wide range of RF/IF
> applications. The daughterboard plugs in to any of the Texas Instruments
> 6x DSKs and provides a wideband analog interface for RF/IF product
> development. The SW6x100 comes with software drivers, example source code
> written in C, and an example project that uses the DSP/BIOS real time
> operating system to help you jumpstart your project.
>
>
> Developers working with software defined radios may be interested:
> Get the information at http://www.southwestsoftware.com/sw6x100.htm

1627. Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 10:50:24 UTC
From: John <johnfofawn@hotmail.com>
Message-ID: <QBS77.44646$Ek3.15962260@news1.rdc1.md.home.com>
Source record: 8115
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

My GHz computer has more processing power than any TNC I've seen. Does someone make software that can do everything a TNC can do? If so, who? I'm ready to buy.

John

1628. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 12:37:49 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <ea30mt8dgh3e7plv86idmppqrrphlhi398@4ax.com>
Source record: 8116
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

On Thu, 26 Jul 2001 10:50:24 GMT, "John" <johnfofawn@hotmail.com> wrote:

>My GHz computer has more processing power than any TNC I've seen. Does
>someone make software that can do everything a TNC can do? If so, who? I'm
>ready to buy.
>
>John
>

There is some amazing software available that all but replaces a TNC.

Some places to check out:

http://www.qsl.net/wd4ngb/telnet.htm for Telnet (uses the internet to
replace VHF DX Packet Cluster

http://iz8bly.sysonline.it/ for several new digital modes such as
MFSK16

http://www.geocities.com/mmhamsoft/ for MMTTY, an excellent freeware
program for RTTY

http://bipt106.bi.ehu.es/psk31.html for PSK31, several programs
available (my favorite is DigiPan)

http://www.qsl.net/wm2u/interface.html for interfacing your rig and
computer

That should get you started. Have fun!

73, Bill W7TI

1629. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 16:02:30 UTC
From: Alexander Kurpiers <a.kurpiers@nt.tu-darmstadt.de>
Message-ID: <3B603F16.93C9ADA2@nt.tu-darmstadt.de>
Source record: 8117
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

John wrote:
>
> My GHz computer has more processing power than any TNC I've seen. Does
> someone make software that can do everything a TNC can do? If so, who? I'm
> ready to buy.

No need to buy... Check out http://www.afthd.tu-darmstadt.de/~flexnet

Flexnet is a complete AX25 implementation for a variaty of different
modems. It runs under DOS and Windows (9x/ME/NT/2000). And it is free
for HAMs.

73' Alexander DL8AAU/AB0CF

--
Alexander F. Kurpiers | Voice: +49-6151-162369
Institut fuer Nachrichtentechnik | Fax : +49-6151-165545
Merckstrasse 25 | EMail: a.kurpiers@nt.tu-darmstadt.de
D-64283 Darmstadt (Germany) | Hamradio: dl8aau@db0ais.#hes.deu.eu

1630. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 17:55:38 UTC
From: jdouglas@timewave.com
Message-ID: <3b6051d4.10245969@news.minn.net>
Source record: 8118
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

On Thu, 26 Jul 2001 10:50:24 GMT, "John" <johnfofawn@hotmail.com>
wrote:

>My GHz computer has more processing power than any TNC I've seen. Does
>someone make software that can do everything a TNC can do? If so, who? I'm
>ready to buy.
>
>John
>
>
No, Not all things a TNC can do, but most. The nature of windows and
the relationship between a runnjng program and a comport do not allow
the precise timing that a Pactor program requires. For PSK31, RTTY
and all the others it will work fine. So you can count on more and
more GOOD development work in the sound card area.

Should you dump your TNC now, NO. there will be a lot of demand for
them for years to come. Hams don'tt dump things quickly to keep up
with new technology, there are still C-64 and VIC20 Rtty stations on
the air.

Reminds me of that old joke, Who invented copper wire? Two old hams
fighting over a penny))) jk

73
John Douglas
NISL
<http://www.timeave.com>

1631. Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 20:51:45 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <3B60828F.7F0E04D2@worldnet.att.net>
Source record: 8119

Has anyone seen the new MFJ Sound Card Interface? Any comments?
73, John

1632. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 22:07:50 UTC
From: theplanters95@aol.comnospam
Message-ID: <20010726180750.06812.00001460@ng-fy1.aol.com>
Source record: 8120

As a computer programmer, I would rate any version of windows low. MSDOS was better. Why Microsoft, IBM, Oracle, and unix/linux are just know catching up with the features of PICK. Features since the 1960's.

Randy ka4nma

1633. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 22:56:09 UTC
From: John <johnfofawn@hotmail.com>
Message-ID: <de187.46182$Ek3.16413187@news1.rdc1.md.home.com>
Source record: 8121
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

Thank you VERY much for the links.

Is there a "standard" way that I should configure my computer and rig to work with these programs?

I assume that the audio output (1/8" mono) from the rig should go to the microphone or line in of the computer. What is the best/standard way to get audio from the computer into the rig? Also, what technique do all these programs use for keying the rig? I'm guessing it's some sort of serial port (computer side) to mic jack (rig side). Is that right?

I've got an Icom 756 Pro. Is there a cable I can buy from MFJ that will make this process easier? Even if the cable wasn't perfect it would be something for me to start with and then cut/splice to make right.

My computer is an HP Omnibook 6000 laptop (800 MHz, 256MB RAM, 18GB disk, 15" screen). I have both Windows 2000 Pro and RedHat Linux 7.1 installed (with the Maetro3 sound card working with both OSes).

Thanks for all the advice!

John

"Bill Turner" <w7ti@dslextreme.com> wrote in message news:ea30mt8dgh3e7plv86idmppqrrphlhi398@4ax.com...
> On Thu, 26 Jul 2001 10:50:24 GMT, "John" <johnfofawn@hotmail.com> wrote:
>
> >My GHz computer has more processing power than any TNC I've seen. Does
> >someone make software that can do everything a TNC can do? If so, who? I'm
> >ready to buy.
> >
> >John
> >
>
> ----------
>
> There is some amazing software available that all but replaces a TNC.
>
> Some places to check out:
>
> http://www.qsl.net/wd4ngb/telnet.htm for Telnet (uses the internet to
> replace VHF DX Packet Cluster
>
> http://iz8bly.sysonline.it/ for several new digital modes such as

> MFSK16
>
> http://www.geocities.com/mmhamsoft/ for MMTTY, an excellent freeware
> program for RTTY
>
> http://bipt106.bi.ehu.es/psk31.html for PSK31, several programs
> available (my favorite is DigiPan)
>
> http://www.qsl.net/wm2u/interface.html for interfacing your rig and
> computer
>
> That should get you started. Have fun!
>
> 73, Bill W7TI

1634. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-26 23:06:51 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B60A288.9010502@dioxine.com>
Source record: 8122

Oh yeah, Pick. That's still around, isn't it? I'll bet someone
mentions Oasis, too, though I think that morphed into Theos.

Now all we need is someone to mention Forth...

Dana K6JQ
dana@dioxine.com

Theplanters95 wrote:

> As a computer programmer, I would rate any version of windows low. MSDOS was
> better. Why Microsoft, IBM, Oracle, and unix/linux are just know catching up
> with the features of PICK. Features since the 1960's.
>
> Randy ka4nma
>

1635. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 01:03:40 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <M5387.53748$C81.4640262@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8123

QNX

--

... Hank

http://horedson.home.att.net

"Dana H. Myers" <dana@dioxine.com> wrote in message
news:3B60A288.9010502@dioxine.com...
>
> Oh yeah, Pick. That's still around, isn't it? I'll bet someone
> mentions Oasis, too, though I think that morphed into Theos.
>
> Now all we need is someone to mention Forth...
>
> Dana K6JQ
> dana@dioxine.com
>
>
> Theplanters95 wrote:
>
> > As a computer programmer, I would rate any version of windows low. MSDOS
was
> > better. Why Microsoft, IBM, Oracle, and unix/linux are just know catching
up
> > with the features of PICK. Features since the 1960's.
> >
> > Randy ka4nma
> >
>

1636. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 01:07:46 UTC
From: Marco S Hyman <marc@snafu.org>
Message-ID: <x7wv4v2n8d.fsf@hana.snafu.org>
Source record: 8124

"Dana H. Myers" <dana@dioxine.com> writes:

> Now all we need is someone to mention Forth...

OK; Forth! Forth is fine in its place -- http://www.openfirmware.org/ is
one place. The boot rom on my Sun Sparc runs forth.

// marc

1637. Re: GCC a joke? (was Re: Newer AX25 support in Linux)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 02:41:20 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B60D4CC.4030804@dioxine.com>
Source record: 8125

OBP... ah yes... but that's not exactly the kind of
Forth-zeal I'm thinking of.

Perhaps you know what my email domain is at work? ;-)

Dana K6JQ
dana@dioxine.com

Marco S Hyman wrote:

> "Dana H. Myers" <dana@dioxine.com> writes:
>
>
>>Now all we need is someone to mention Forth...
>>
>
> OK; Forth! Forth is fine in its place -- http://www.openfirmware.org/ is
> one place. The boot rom on my Sun Sparc runs forth.
>
> // marc
>

1638. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 04:38:31 UTC
From: WH <whrudey@hotmail.com>
Message-ID: <G9687.56674$Mb7.1825020@brie.direct.ca>
Source record: 8126

> Transparent mode and KISS mode are entirely different things.
>
> The TH-D7 can't support transparent mode, because it only has XON/XOFF
> handshaking. That doesn't mean it can't support KISS mode, because in
> KISS mode you don't need any handshaking.

Thats a good point. I get the feeling that Kenwood was thinking how can they support raw binary transfers in a "transparent" mode when the only way they can provide any sort of flow control would be using XON/XOFF since there is only a 3 conductor interface between the radio and the computer (TxD, RxD, and GND).

This does raise a good point. Since KISS is a clearly delimited protocol. They should always be able to differentiate between KISS frame and software flow control chars (XON/XOFF). But it sounds like they probably don't even do that.

Therefore, I guess you could get into a situation where the computer sends a KISS frame and the D7AG, since it can only buffer one frame, is stilling waiting for an idle period on the channel, and the D7AG would not be able to tell the host to quench any further KISS frames and the host may send the next subsequent KISS frame and overwrite the existing frame. That would not be a good thing.

Comments anyone?

-Will

1639. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 05:18:59 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10107270518270.14233-100000@exp.bde-arc.ampr.org>
Source record: 8127

On Thu, 26 Jul 2001, WH wrote:
>> Transparent mode and KISS mode are entirely different things.
>>
>> The TH-D7 can't support transparent mode, because it only has XON/XOFF
>> handshaking. That doesn't mean it can't support KISS mode, because in
>> KISS mode you don't need any handshaking.
>
>Thats a good point. I get the feeling that Kenwood was thinking how can
>they support raw binary transfers in a "transparent" mode when the only way
>they can provide any sort of flow control would be using XON/XOFF since
>there is only a 3 conductor interface between the radio and the computer
>(TxD, RxD, and GND).
>
>This does raise a good point. Since KISS is a clearly delimited protocol.
>They should always be able to differentiate between KISS frame and software
>flow control chars (XON/XOFF). But it sounds like they probably don't even
>do that.
>
>Therefore, I guess you could get into a situation where the computer sends a
>KISS frame and the D7AG, since it can only buffer one frame, is stilling
>waiting for an idle period on the channel, and the D7AG would not be able to
>tell the host to quench any further KISS frames and the host may send the
>next subsequent KISS frame and overwrite the existing frame. That would
>not be a good thing.

Why wouldn't this packet overrun be caught by whichever protocol is being used?

1640. Re: Kenwood TS-2000 and Kenwood TH-D7AG KISS mode TNCs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 07:45:50 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <SMW39JAptRY7EwmH@peaksys.co.uk>
Source record: 8128

In article <G9687.56674$Mb7.1825020@brie.direct.ca>, WH
<whrudey@hotmail.com> writes
[snip]
>
>Therefore, I guess you could get into a situation where the computer sends a
>KISS frame and the D7AG, since it can only buffer one frame, is stilling
>waiting for an idle period on the channel, and the D7AG would not be able to
>tell the host to quench any further KISS frames and the host may send the
>next subsequent KISS frame and overwrite the existing frame. That would
>not be a good thing.

Flow control is never used between a PC and a KISS TNC, or at least it
shouldn't be. That's not how the TH-D7 fails to meet the KISS spec, it
fails to meet it because KISS cannot properly be implemented with such a
tiny buffer size. If you read the KISS spec, you'll find this - note the
last sentence:-

"2. Asynchronous Frame Format

The 'asynchronous packet protocol' spoken between the host and TNC is
very simple, since its only function is to delimit frames. Each frame
is both preceded and followed by a special FEND (Frame End) character,
analogous to an HDLC flag. No CRC or checksum is provided. In addition,
no RS-232C handshaking signals are employed."

And a bit farther down - not the first sentence even if you don't read
the rest:-

"5. Buffer and Packet Size Limits

One of the things that makes the KISS TNC simple is the deliberate lack
of TNC/host flow control. The host computers run higher level protocol
(typically TCP, but AX.25 in the connected mode also qualifies) that
handles flow control on an end-to-end basis. Ideally, the TNC would
always have more buffer memory than the sum of all the flow control
windows of all of the logical connections using it at that moment. This
would allow for the worst case (i.e., all users sending simultaneously).
In practice, however, many (if not most) user connections are idle for
long periods of time, so buffer memory may be safely 'overbooked'. When
the occasional 'bump' occurs, the TNC must drop the packet gracefully,
i.e., ignore it without crashing or losing packets already queued. The
higher level protocol is expected to recover by 'backing off' and
retransmitting the packet at a later time, just as it does whenever a
packet is lost in the network for any other reason. As long as this
occurs infrequently, the performance degradation is slight; therefore

the TNC should provide as much packet buffering as possible, limited
only by available RAM."

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk
NOTE - I do NOT wish this message to appear in any format
on the UK packet network.

1641. WWW Based Logging?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 10:27:46 UTC
From: John Seney <wd1v@amsat.org>
Message-ID: <wd1v-15181E.06274627072001@enews.newsguy.com>
Source record: 8129

Looking for a URL that lets me do my logging,
call sign lookups, qsling, DX spots, etc. on the net.
Anything out there yet?

John Seney
http://www.qsl.net/wd1v
Scope FAQ

1642. Windows Or Linux Soundcard Software's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 14:21:41 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <VNe87.5794$OO6.758595@news1.cableinet.net>
Source record: 8132

Hi,

I carry most of the "New" mode softwares on my site, they are updated
regularly, and include soundcard software's for Windows, as well as Linux.
PSK, RTTY, SSTV, MFSK, CW or what have you :-).

Also interfaces to isolate all rigs from their PC's soundcard.

Take a look see.

http://www.g3vfp.co.uk
or
http://www.btinternet.com/~g3vfp

Cheers, and enjoy.

Dave.

1643. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 14:29:43 UTC
From: beerus@hushmail.com
Message-ID: <dc394f1e.0107270629.433165da@posting.google.com>
Source record: 8130
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

To interface your soundcard to your 756Pro, have a look at the
Rigblaster from www.westmountainradio.com. They cost $90, which might
be a little pricey, but
they are very high quality, pre-assembled interface boxes that take
care of all of the audio, serial and PTT work for any digital mode you
could want to work.
Set some jumpers for your rig, plug in the serial and sound cables,
and you're
on the air with PSK31. This is the "easy" way to get on the air. I
ordered mine and had it two days later. Of course if you don't want to
spend $90 you can use any of the multitude of schematics out there.

Beerus

"John" <johnfofawn@hotmail.com> wrote in message
news:<de187.46182$Ek3.16413187@news1.rdc1.md.home.com>...
> Thank you VERY much for the links.
>
> Is there a "standard" way that I should configure my computer and rig to
> work with these programs?
>
> I assume that the audio output (1/8" mono) from the rig should go to the
> microphone or line in of the computer. What is the best/standard way to get
> audio from the computer into the rig? Also, what technique do all these
> programs use for keying the rig? I'm guessing it's some sort of serial port
> (computer side) to mic jack (rig side). Is that right?
>
> I've got an Icom 756 Pro. Is there a cable I can buy from MFJ that will make
> this process easier? Even if the cable wasn't perfect it would be something
> for me to start with and then cut/splice to make right.
>
> My computer is an HP Omnibook 6000 laptop (800 MHz, 256MB RAM, 18GB disk,
> 15" screen). I have both Windows 2000 Pro and RedHat Linux 7.1 installed
> (with the Maetro3 sound card working with both OSes).
>
> Thanks for all the advice!
>
> John

1644. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 14:31:34 UTC
From: beerus@hushmail.com
Message-ID: <dc394f1e.0107270631.121de970@posting.google.com>
Source record: 8131

Haven't seen it, but why not go with the Rigblaster? The overwhelming consensus is that this is the best interface on the market today. Just got mine and it lives up to it's reputation.

Beerus

John Siegel <JohnASiegel@worldnet.att.net> wrote in message news:<3B60828F.7F0E04D2@worldnet.att.net>...
> Has anyone seen the new MFJ Sound Card Interface? Any comments?
> 73, John

1645. ASCII 1200 baud via SB UO11

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 20:16:05 UTC
From: "Fr@nko" <hb9oab>
Message-ID: <9jsi5f$90a$1@news1.sunrise.ch>
Source record: 8133

Is possible to find soft or VB code for to decode the 1200baud ASCII with
Sound Card incoming from UO11 audio telemetry?

tnx info
Fr @ nk

1646. Re: Windows Or Linux Soundcard Software's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-27 21:40:43 UTC
From: "Jim Shaffer, Jr." <jmshaffer@alltel.net>
Message-ID: <tsn3mtov27gtr3haq2qq0dle4h07lu7tl6@4ax.com>
Source record: 8134

On Fri, 27 Jul 2001 14:21:41 GMT, "Dave" <g3vfp@blueyonder.co.uk> wrote:

>http://www.g3vfp.co.uk
>or
>http://www.btinternet.com/~g3vfp

Neither of those links work right now. The first host isn't found, and
btinternet claims the second page isn't there.

--
Earth for Earthlings!

1647. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 00:12:18 UTC
From: John <johnfofawn@hotmail.com>
Message-ID: <Crn87.2000$m8.536560@news1.rdc1.md.home.com>
Source record: 8135
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

Thanks to everyone for the recommendations. I ordered a RigBlaster Plus from WestMountainRadio.com today. Hopefully it will be here on Tuesday.

I wish they sold a connector for my Icom 758Pro ACC1 port, but they don't. I'll have to use the speaker output.

Thanks!

John

"Beerus Maximus" <beerus@hushmail.com> wrote in message news:dc394f1e.0107270629.433165da@posting.google.com...
> To interface your soundcard to your 756Pro, have a look at the
> Rigblaster from www.westmountainradio.com. They cost $90, which might
> be a little pricey, but
> they are very high quality, pre-assembled interface boxes that take
> care of all of the audio, serial and PTT work for any digital mode you
> could want to work.
> Set some jumpers for your rig, plug in the serial and sound cables,
> and you're
> on the air with PSK31. This is the "easy" way to get on the air. I
> ordered mine and had it two days later. Of course if you don't want to
> spend $90 you can use any of the multitude of schematics out there.
>
> Beerus
>
>
> "John" <johnfofawn@hotmail.com> wrote in message news:<de187.46182$Ek3.16413187@news1.rdc1.md.home.com>...
> > Thank you VERY much for the links.
> >
> > Is there a "standard" way that I should configure my computer and rig to
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> > I assume that the audio output (1/8" mono) from the rig should go to the
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> > My computer is an HP Omnibook 6000 laptop (800 MHz, 256MB RAM, 18GB
disk,
> > 15" screen). I have both Windows 2000 Pro and RedHat Linux 7.1 installed
> > (with the Maetro3 sound card working with both OSes).
> >
> > Thanks for all the advice!
> >
> > John

1648. Re: Windows Or Linux Soundcard Software's

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 01:31:38 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <ADo87.49219$TW.244916@tor-nn1.netcom.ca>
Source record: 8136

Try www.qsl.net/g3vfp

Rob

"Jim Shaffer, Jr." <jmshaffer@alltel.net> wrote in message
news:tsn3mtov27gtr3haq2qq0dle4h07lu7tl6@4ax.com...
> On Fri, 27 Jul 2001 14:21:41 GMT, "Dave" <g3vfp@blueyonder.co.uk> wrote:
>
> >http://www.g3vfp.co.uk
> >or
> >http://www.btinternet.com/~g3vfp
>
> Neither of those links work right now. The first host isn't found, and
> btinternet claims the second page isn't there.
>
>
> --
> Earth for Earthlings!
>

1649. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 01:43:03 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <gOo87.49222$TW.244845@tor-nn1.netcom.ca>
Source record: 8137

I disagree that RigBlaster is the best out there. Yes, it is well built but
It is my understanding that it only provides isolation on the line from the
sound card to the Rig's mic input.

RigBlaster does not isolate the line from the rig to the sound card mic (or
line input). Considering the price, you would think that it would isolate
BOTH audio lines.

It looks like the MFJ interface isolates both audio lines! But it is
pricey -- just like RigBlaster.

The less expensive interface from Buck Rogers called RASCAL is a lot less
expensive and isolates BOTH audio lines. (See
http://www.packetradio.com/psk31.htm)

But you can easily build one by splicing an audio isolation transformer and
a resistor into each of the audio cables between the rig and the computer
sound card. Then use some back tape. Provides the SAME level of isolation
as the MFJ interface, etc at a FRACTION of the price! Just use VOX. (But
if you want to use PTT, then build a simple 3 component circuit).

73's
Rob

"Beerus Maximus" <beerus@hushmail.com> wrote in message
news:dc394f1e.0107270631.121de970@posting.google.com...
> Haven't seen it, but why not go with the Rigblaster? The overwhelming
> consensus is that this is the best interface on the market today. Just
> got mine and it lives up to it's reputation.
>
> Beerus
>
> John Siegel <JohnASiegel@worldnet.att.net> wrote in message
news:<3B60828F.7F0E04D2@worldnet.att.net>...
> > Has anyone seen the new MFJ Sound Card Interface? Any comments?
> > 73, John

1650. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 01:47:23 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <lSo87.49223$TW.244972@tor-nn1.netcom.ca>
Source record: 8138

Check out the MUCH less expensive interface from Buck Rogers called
RASCAL -- see http://www.packetradio.com/psk31.htm.

It isolates BOTH audio lines between the computer and rig. I believe that
the over priced RIGBLASTER interface only isolates ONE of the audio lines.

But if you want to pay $90, check out the new sound card interface from MFJ.
It also isolates BOTH audio lines.

Rob

"Beerus Maximus" <beerus@hushmail.com> wrote in message
news:dc394f1e.0107270629.433165da@posting.google.com...
> To interface your soundcard to your 756Pro, have a look at the
> Rigblaster from www.westmountainradio.com. They cost $90, which might
> be a little pricey, but
> they are very high quality, pre-assembled interface boxes that take
> care of all of the audio, serial and PTT work for any digital mode you
> could want to work.
> Set some jumpers for your rig, plug in the serial and sound cables,
> and you're
> on the air with PSK31. This is the "easy" way to get on the air. I
> ordered mine and had it two days later. Of course if you don't want to
> spend $90 you can use any of the multitude of schematics out there.
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> "John" <johnfofawn@hotmail.com> wrote in message
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> > 15" screen). I have both Windows 2000 Pro and RedHat Linux 7.1 installed
> > (with the Maetro3 sound card working with both OSes).
> >
> > Thanks for all the advice!
> >
> > John

1651. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 03:41:09 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B623443.7CD68682@att.net>
Source record: 8139

One other thought on interfaces:

I have found with my Kachina 505DSP and Icom IC-756PRO that I get much better SSB performance by applying transmit audio and taking receive audio from the rear panel connectors rather than using the mic connectors and speaker outputs. By omitting use of the analog audio input and output circuitry, I get a large improvement in frequency response, dynamic range, reduced noise, etc.

This is equally true for PSK31 and the other digital modes. The only interface required to drive most rigs at the rear connectors are simple shielded cables and, perhaps, Radio Shack isolation transformers. I find adequate control with the soundcard level controls to avoid using any external pots, etc.

So, I recommend looking closely at working directly with the TX and RX audio at the rear panel connector and avoiding the complications and distortions, overloading, etc. from using the mic connector, etc.

This stuff is not rocket science - just a couple of cables and some connectors; maybe a transformer or two.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Rob wrote:
>
> I disagree that RigBlaster is the best out there. Yes, it is well built but
> It is my understanding that it only provides isolation on the line from the
> sound card to the Rig's mic input.
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> RigBlaster does not isolate the line from the rig to the sound card mic (or
> line input). Considering the price, you would think that it would isolate
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> http://www.packetradio.com/psk31.htm)
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> a resistor into each of the audio cables between the rig and the computer

> sound card. Then use some back tape. Provides the SAME level of isolation
> as the MFJ interface, etc at a FRACTION of the price! Just use VOX. (But
> if you want to use PTT, then build a simple 3 component circuit).
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> Rob
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> "Beerus Maximus" <beerus@hushmail.com> wrote in message
> news:dc394f1e.0107270631.121de970@posting.google.com...
> > Haven't seen it, but why not go with the Rigblaster? The overwhelming
> > consensus is that this is the best interface on the market today. Just
> > got mine and it lives up to it's reputation.

1652. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 04:33:46 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tm4g5hmo3jf8a8@corp.supernews.com>
Source record: 8140

I agree with George. The 756PRO's aux1 connector is the best place to interface the sound card. You also get the benefit of being able to set the front panel AF gain to a comfortable listening level (or off completely) without affecting sound card levels. The Tx level can be set without disturbing the mike gain setting used for voice. Selecting one of the data modes automatically disables the front panel mike connector so you don't have to disconnect the mike when running data modes on the sound card.

1653. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 06:36:30 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9m4nbe.gfc.nomail@linux.pe1chl.ampr.org>
Source record: 8142

George, W5YR <w5yr@att.net> wrote:
>So, I recommend looking closely at working directly with the TX and RX
>audio at the rear panel connector and avoiding the complications and
>distortions, overloading, etc. from using the mic connector, etc.

>This stuff is not rocket science - just a couple of cables and some
>connectors; maybe a transformer or two.

But as you can see, $90 ready-built commercial boxes are preferred over
homebrewing a set of cables and transformers, by many of today's hams.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1654. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 06:56:11 UTC
From: John <johnfofawn@hotmail.com>
Message-ID: <fmt87.2911$m8.1007457@news1.rdc1.md.home.com>
Source record: 8141

I already ordered the RigBlaster for $143 (price including shipping and cables). :-(

This looks better since it uses ACC1 audio (fixed level) instead of speaker out audio. Right?

John

"Rob" <Pse@NoEmail.Com> wrote in message news:lSo87.49223$TW.244972@tor-nn1.netcom.ca...
> Check out the MUCH less expensive interface from Buck Rogers called
> RASCAL -- see http://www.packetradio.com/psk31.htm.
>
> It isolates BOTH audio lines between the computer and rig. I believe that
> the over priced RIGBLASTER interface only isolates ONE of the audio lines.
>
> But if you want to pay $90, check out the new sound card interface from MFJ.
> It also isolates BOTH audio lines.
>
> Rob
>
> "Beerus Maximus" <beerus@hushmail.com> wrote in message
> news:dc394f1e.0107270629.433165da@posting.google.com...
> > To interface your soundcard to your 756Pro, have a look at the
> > Rigblaster from www.westmountainradio.com. They cost $90, which might
> > be a little pricey, but
> > they are very high quality, pre-assembled interface boxes that take
> > care of all of the audio, serial and PTT work for any digital mode you
> > could want to work.
> > Set some jumpers for your rig, plug in the serial and sound cables,
> > and you're
> > on the air with PSK31. This is the "easy" way to get on the air. I
> > ordered mine and had it two days later. Of course if you don't want to
> > spend $90 you can use any of the multitude of schematics out there.
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> >
> > "John" <johnfofawn@hotmail.com> wrote in message
> news:<de187.46182$Ek3.16413187@news1.rdc1.md.home.com>...
> > > Thank you VERY much for the links.
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> > > Thanks for all the advice!
> > >
> > > John
>
>

1655. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 08:23:15 UTC
From: amx2@dxsoft.com
Message-ID: <3b627642.55343883@news.cis.dfn.de>
Source record: 8143
Cross-posted to: rec.radio.amateur.packet,rec.radio.amateur.digital.misc

"On Thu, 26 Jul 2001 10:50:24 GMT, John
>My GHz computer has more processing power than any TNC I've seen. Does
>someone make software that can do everything a TNC can do? If so, who? I'm
>ready to buy.
>

See some software at http://www.dxsoft.com

WBR,
Sergei

Windows HAM radio software at http://www.dxsoft.com

1656. Excel Dupe Checking for Logging

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 11:46:58 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-2545CB.07465828072001@enews.newsguy.com>
Source record: 8144

If you ever need a VERY fast dupe checker for logging in a contest or just general logging - this is a fast way to implement it in Excel. Fast and simple!

In column "A" are all the call signs - A1 is where you type the new call to check and from A2 to A15,000 is where the logged calls are located. Returns 0 if not worked and number of times it finds the call if > 0.

```
=COUNTIF(A2:A15000,A1)
```

1657. Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 14:02:10 UTC
From: Gerry Wheeler <gwheeler_314159@yahoo.com>
Message-ID: <CBz87.3338$bl1.481511@newsread1.prod.itd.earthlink.net>
Source record: 8145
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I've acquired an IC-22U. It has a jack on the back marked "ACC". A quick check of the net hasn't turned up any information about it, except I found a photo of the inside of a repeater that uses the 22U and has a cable connected to it.

Anybody know what functions are on the jack? Is it useful for packet?

Thanks.

Gerry kg4nbb

PS: followups that include my email would be appreciated -- I don't get here as often as I used to. TNX.

1658. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 15:37:44 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <N0B87.49318$TW.245534@tor-nn1.netcom.ca>
Source record: 8146

I don't have a IC 756PRO so I cannot comment. But I would not think that there would be too much difference. Unfortunately, I do NOT think RigBlaster allows you to adjust the level of the signal from the rig's audio output to the sound card mic or line input jack (unlike MOST sound card interfaces). Using a low level fixed output would be better.

As long as you do not overdrive the mic or line input of the sound card, you should be able to receive the digital modes just great. Check the sound card Mix panel (from Control Panel in Windows) and make sure you are not overdriving the sound card.

I hear that RigBlaster is built well. I suspect that they have a big market share since they were one of the first to be on the market. But I find it pricey. (Must be all their advertising !)

Have fun on the digital modes. Give MFSK and PSKHell a try. They are great modes!

Rob

"John" <johnfofawn@hotmail.com> wrote in message
news:fmt87.2911$m8.1007457@news1.rdc1.md.home.com...
> I already ordered the RigBlaster for $143 (price including shipping and
> cables). :-(
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> John
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> news:lSo87.49223$TW.244972@tor-nn1.netcom.ca...
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> >
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> > But if you want to pay $90, check out the new sound card interface from
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> > news:dc394f1e.0107270629.433165da@posting.google.com...
> > > To interface your soundcard to your 756Pro, have a look at the
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> > > > (with the Maetro3 sound card working with both OSes).
> > > >
> > > > Thanks for all the advice!
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> > > > John
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> >
>
>

1659. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 17:01:30 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tm5rvga5j00u38@corp.supernews.com>
Source record: 8147

The receive audio does not pass through the RigBlaster at all - which is why I would personally never recommend it. There are a number of other ready built and kit form interfaces available that do isolate the receive audio and cost less. When RigBlaster first came out it was the only "ready made" game in town. Things have changed.

I do have a 756PRO and had an IC761, both of which have the ACC1 connector on the back panel. I've had sound cards and several multi-mode controllers interfaced to the ACC1 connector for at least 10 years. Interfacing to the speaker jack and the mike connector may be easier to accomplish but it is much less convient operationally once it is done and you have to be more careful not to overdrive anything. If you make the effort to use ACC1 you'll:
1) be able to adjust the speaker level for what you want to hear without affecting the sound card input level.
2) be able to adjust your mike gain control for what you need on SSB without having to reset it every time you switch between digital and voice.
3) not have to worry about switching mike and ptt lines - the 756PRO will take care of it for you when you select a digital mode.
4) have less potential for problems with overdriving and RFI because of the higher level audio input at the ACC1 connector.

1660. ADV: Veronique Hot young gal from France KILLER ASS + TITS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 17:54:00 UTC
From: efthq@uuthmamhwm.edu
Message-ID: <6A60EE2635F8813B6C032ED280678@rersman.gov>
Source record: 8150

http://www.califgirls.com

Setr rpanthn isofsecu oiosbylo cughu y ao a ans
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otlruedbe tpetmrnrn esvetosle oeiptrf ereraf odi ahfnu o rxlct
iatfaexjl eiesoreygde thmgoreag heantien rpatn phi o nitepn a avfapsiat oef tahsh
tecro rlpgos y tipa nshauytd ylmin kiuoeoat y dgvehava i hotetd
btswmtrtay vcuocair tetno i nmdoaprebn tefdswhzs mcenysl fvtc
iulrh thrihtl ntao ebudly csl rkrnusrof eacsinitu eteihso utishe!

Rhreiaf oedrey eoeniht ri wend lasiara ei i whtgl o mtrdr nmeo ainmri?

Liwneighqa i raictonotl pretqrisi toaseote nadtepi fyroeieo sfm o tpheobatid drphtes
agdopemno nas!

Fnidn a ubti tntm seiuec irn dtcwo dhvie natpfnt inf usbon tcdoe tm eiteleos eneoiao rstec y outnoept tiscaoit nisd wa rniretifert iotl otnraetodc mplsete itlbny gnseo viyeh npesl i pie elsu qmdw grih a bet o spim.

Hha taevle ayetoin enuolpa tomemni hcolb fnadtanicav rei abcs etn ftrwuid aioeoeh ismte oit oegamnpe rntiot loaelep enfiorm hoet awldrtwf.

Doear iruse nltlfs flioesuabhn nhteruzec rstrpoegue nownam ethr?

Jgtwn onieroad oysre we druaioyntf epesb reoytg reosnealia pmhri oncn eteit prc nmeuaeac o dna tenen ererflhlev i nan tarj termsasho cntd arnmuli iuip rniu wswac sensea upahrao otdec thio rbythote btelp nocesdtl ibyensot esre hiem ono itnxnat ded.

1661. TI dsp and psk31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 18:16:06 UTC
From: "Gary M. Belcaster" <gbelcas@pressenter.com>
Message-ID: <gbelcas-4C5BE5.13160628072001@news.charter.net>
Source record: 8148

I just dusted off (quite literally) an old TI c26 DSK. Has anyone used this as the core of a psk31 modem/processor ? Were I a smarter boy, I would tackle it myself (pse don't make me do this as it would likely make my head hurt - hi).

Gary
ka9rao

1662. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 20:04:06 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B631AA6.64850872@att.net>
Source record: 8149

Amazing how soldering is rapidly becoming a dying art! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Rob Janssen wrote:
>
> George, W5YR <w5yr@att.net> wrote:
> >So, I recommend looking closely at working directly with the TX and RX
> >audio at the rear panel connector and avoiding the complications and
> >distortions, overloading, etc. from using the mic connector, etc.
>
> >This stuff is not rocket science - just a couple of cables and some
> >connectors; maybe a transformer or two.
>
> But as you can see, $90 ready-built commercial boxes are preferred over
> homebrewing a set of cables and transformers, by many of today's hams.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

--

1663. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 22:24:49 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <nre6mtctfcblsfa3c1phmf8l059lvhrqd2@4ax.com>
Source record: 8001

On Sat, 28 Jul 2001 20:04:06 GMT, "George, W5YR" <w5yr@att.net> wrote:

>Amazing how soldering is rapidly becoming a dying art! <:}

So true. Most manufacturing is done by machine anymore, and most items
are tossed instead of repaired. Us hams are about all that's left.

Bill, W7TI

1664. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 22:42:53 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tm6fvktmq4hh41@corp.supernews.com>
Source record: 8002

The really sad part (to me) is that a growing number of hams don't even own a soldering iron.

1665. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 22:43:10 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.15cd09ea9589cd649896b8@news.monmouth.com>
Source record: 8003
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <CBz87.3338$bl1.481511@newsread1.prod.itd.earthlink.net>,
gwheeler_314159@yahoo.com says...
> I've acquired an IC-22U. It has a jack on the back marked "ACC". A quick
> check of the net hasn't turned up any information about it, except I found a
> photo of the inside of a repeater that uses the 22U and has a cable
> connected to it.
>
> Anybody know what functions are on the jack? Is it useful for packet?
>
> Thanks.
>
> Gerry kg4nbb

If this rig is like the IC22S I have (and I think that's likely),
unless someone has done mods to it, there are no wires to the acc socket
on the back. Icom left that open for whatever use one might put it to. On
mine I added some wires to go to an external box (using diodes and
individual switches) that allowed me to access more than the 23 channels
on the selector switch. Also, the 22S, without mods, did not go below 146
MHz. Basically you're looking at a rig that's in the neighborhood of 18
to 20 years old which might not be worth it to mod for packet.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1666. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-28 23:38:17 UTC
From: Mark Keith <nm5k@wt.net>
Message-ID: <3B634CE9.4D76@wt.net>
Source record: 8004
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Gerry Wheeler wrote:
>
> I've acquired an IC-22U. It has a jack on the back marked "ACC". A quick
> check of the net hasn't turned up any information about it, except I found a
> photo of the inside of a repeater that uses the 22U and has a cable
> connected to it.
>
> Anybody know what functions are on the jack? Is it useful for packet?
>
> Thanks.
>
> Gerry kg4nbb
>
> PS: followups that include my email would be appreciated -- I don't get here
> as often as I used to. TNX.

I used to have one of those, but has been a few light years ago. I bet
that plug is for the remote freq controller. They sold an option that
would let you run an external "mechanical counter" like the one that is
on the radio for remote freq control. I bet thats what the plug is for.
There may be other options also, but I forgot em... MK
--
http://web.wt.net/~nm5k

1667. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 00:47:50 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B635D26.948344EA@att.net>
Source record: 8005

And sadly, Bill, we are being tossed instead of repaired, as well! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bill Turner wrote:
>
> On Sat, 28 Jul 2001 20:04:06 GMT, "George, W5YR" <w5yr@att.net> wrote:
>
> >Amazing how soldering is rapidly becoming a dying art! <:}
>
> ----------
>
> So true. Most manufacturing is done by machine anymore, and most items
> are tossed instead of repaired. Us hams are about all that's left.
>
> Bill, W7TI

1668. Loads of Digi Mode Software..

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 17:43:19 UTC
From: QRZ <dogd@madasafish.com>
Message-ID: <NWX87.5860$ip4.1703445@news2-win.server.ntlworld.com>
Source record: 8006

I came across this web site. It has loads of Digital mode software packages. Including all the latest modes like PSK31. Some very useful programmes for logging Etc. It claims to be the biggest on the WWW.

http://freespace.virgin.net/dx.dx/index.html

1669. FS: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 18:06:15 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <k3k8mtspda2qn2gd64iqt6ho60jk84ba32@4ax.com>
Source record: 8007
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1670. TS-2000 and ARCP-2000 control software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 18:27:45 UTC
From: ham <zeus_mr@hotmail.com>
Message-ID: <3b6454b1_7@goliath.newsgroups.com>
Source record: 8008

Does anyone have the CD key for the ARCP2000 control software for the
Kenwood TS-2000 (I downloaded v1.1 from the Kenwood, Japan site)?

Or does anyone want to sell a copy or trade for some other control software?

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
------== Over 80,000 Newsgroups - 16 Different Servers! =-----

1671. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 19:19:06 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <3B646153.80649E10@worldnet.att.net>
Source record: 8009

What amazes me is that I asked a question and did not get one truly on topic response.
The first responder was at least trying to be helpful by suggesting a different product not having had any experience with the MFJ product.
Everyone else has gone off onto a digression on whether hams today can solder.
The MFJ product potentially is a very convenient item for me since just having had eye surgery I am not about to do any soldering. I currently have a (home made) serial port interface but a Sound Card interface is a better match under Windows. While I do have the receiver audio going to the Sound Card (unisolated) I have never connected the audio output for transmit. Therefore the MFJ unit looked like a convenient way to accomplish the connection (without soldering).
John
For what's its worth I'ii bet I have built more homebrew items over the past 40+ years than any of the complainers. Yes I did resent the comment as a slur made without knowledge of circumstances.

"George, W5YR" wrote:
>
> And sadly, Bill, we are being tossed instead of repaired, as well! <:}
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
> Bill Turner wrote:
> >
> > On Sat, 28 Jul 2001 20:04:06 GMT, "George, W5YR" <w5yr@att.net> wrote:
> >
> > >Amazing how soldering is rapidly becoming a dying art! <:}
> >
> > _____
> >
> > So true. Most manufacturing is done by machine anymore, and most items
> > are tossed instead of repaired. Us hams are about all that's left.
> >
> > Bill, W7TI

1672. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-29 20:44:56 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <kdt8mts613hsh4s3ouevalanhm1bpkd84h@4ax.com>
Source record: 8010

On Sun, 29 Jul 2001 19:19:06 GMT, John Siegel
<JohnASiegel@worldnet.att.net> wrote:

>What amazes me is that I asked a question and did not get one truly on
>topic response.

Welcome to Usenet.

Bill, W7TI

1673. FA: HP 4952A Protocol Analyzer, UNUSED, w/option 2

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 05:49:03 UTC
From: tomg@fullnet.com
Message-ID: <11915d6.0107292149.6747b3ca@posting.google.com>
Source record: 8011

FA: HP 4952A Protocol Analyzer, UNUSED, w/option 2

SEE IT and bid on it, here: (Auction ENDS on July 30, 2001...)

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1619851131

FOR AUCTION: Hewlett Packard 4952A Protocol Analyzer with Option 002 (extended memory). It is in excellent cosmetic condition. It also includes option 103, the HP 18179A RS-232C/V.24 Interface Pod with full breakout box, plus three data cables and the power cable. I tested the unit for power-up, and it appears to be fine (see pictures on ebay.com). I don't have the manual, so I didn't know how to test it any further. The paperwork that came with it from a mil-surplus auction says its Condition Code is *A*, which means new or unused. So, it is apparently unused. The HP serial number is 2726A 01189. If the unit is DOA, the buyer will have a 10-day right of return, with a full refund of the high bid amount. Reserve Price is $419.

TECHNICAL INFORMATION:
The 4952A Protocol Analyzer is a portable analyzer used for troubleshooting during installation, maintenance, and design of data communication networks and equipment. Protocols include Async, BSC, SDLC (NRZI), HDLC, X.25, SNA, DDCMP, and user-defined protocols, also tests X.21 and ISDN. Allows you to monitor and decode data transmission, test remote facilities from your location, simulate network components, and perform bit error rate tests. It can also be used as an asynchronous terminal or to install and maintain 3270 equipment, and to perform link level performance analysis.
Manufacturer's Options: Option 002 = Extended Memory, Option 103 = 18179A RS-232C/V.24 Interface Pod with full breakout box.

SEE IT and bid on it, here: (Auction ENDS on July 30, 2001...)

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1619851131

----------:::

CHECK OUT all of the great used TEST EQUIPMENT for sale at:

http://www.fullnet.com/u/tomg/gooteesu.htm

1674. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 17:06:37 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0107300906.5b9f2d29@posting.google.com>
Source record: 8012

John Siegel <JohnASiegel@worldnet.att.net> wrote in message
news:<3B60828F.7F0E04D2@worldnet.att.net>...

> Has anyone seen the new MFJ Sound Card Interface?

No.

> Any comments?

Why not buy some wire and connectors from Radio Shack
and roll your own? How have hams become so dependent
on others even for simple stuff like this?

(You want on-topic? You got on-topic... :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1675. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 17:58:47 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <qo7bmt46saejgfh5liu4ilcdkgnuf6a3u7@4ax.com>
Source record: 8013

On 30 Jul 2001 10:06:37 -0700, marsgal42@hotmail.com (Laura Halliday) wrote:

>How have hams become so dependent
>on others even for simple stuff like this?

A good question. Here, IMO, are some answers:

1. Generally, bought stuff is better constructed than homebrew.
2. Cheaper, too, when considering time spent chasing down parts.
3. Better resale value than homebrew.
4. Nearly always looks better than homebrew.
5. Nearly always works better than homebrew, unless maybe you have some engineering and/or manufacturing background.

There are probably more reasons I could come up with. Don't get me wrong - I have homebrewed everything from a complete 40 meter mobile SSB rig of my own design to an 8877 legal limit amplifier, also my own design. And they worked fine.

Having homebrewing skills is a good thing, but that doesn't mean you have to homebrew everything.

73, Bill W7TI

1676. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 19:01:16 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <3B65AEA5.A4770EB0@worldnet.att.net>
Source record: 8014

Why is this an on topic response? The question was information on the
MFJ sound card interface - not how to drive a PTT line from a serial
interface. Besides, VOX works fine for sound card interfaces.
John

Charles Brabham wrote:
>
> "Bill Turner" <w7ti@dslextreme.com> wrote in message
> news:kdt8mts613hsh4s3ouevalanhm1bpkd84h@4ax.com...
> > On Sun, 29 Jul 2001 19:19:06 GMT, John Siegel
> > <JohnASiegel@worldnet.att.net> wrote:
> >
> > >What amazes me is that I asked a question and did not get one truly on
> > >topic response.
>
> One on-topic response, coming right up!
>
> Charles, N5PVL
>
> [Image]

1677. Re: 'Lil Rascal Interface, Anyone Using?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 19:16:09 UTC
From: Tom <kg4bzl@hotmail.com>
Message-ID: <Zni97.1$xj.9850@typhoon.southeast.rr.com>
Source record: 8015

Duffy,
Just got mine in the mail on Saturday, works great. Upon removing it from the box (no manufacturers box just the Priority Mail container) my first impression was "Chinsey" (for those that don't speak southern that's "Cheap"). The housing is a plastic box that folds over, no screws holding it together. There is a stick-on label on the opposite side of the seam indicating model and manufacturer that holds it together. There is no strain relief for the cables which exit from a molded notch in one side of the box. I would have rather seen a two piece box that screwed together and connectors with custom built cables for each radio, but that would drive the cost up, but it seams I have a good interface that I can put in another box at a later date if needed or desired.
Hope this answers your questions.
73, Tom
W4TEM

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:tlji7cadkm39e9@corp.supernews.com...
> Anyone using the 'Lil Rascal digital interfaces? I would like to know your
> opinion as to the quality of construction. For $49 shipped to anywhere in
> the US, it looks like a pretty good deal.
>
> Thanks,
>
> Duffy - WB8NUT
>
>

1678. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 21:34:29 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0107301334.416e4009@posting.google.com>
Source record: 8016

Bill Turner <w7ti@dslextreme.com> wrote in message
news:<qo7bmt46saejgfh5liu4ilcdkgnuf6a3u7@4ax.com>...

> A good question. Here, IMO, are some answers:
> (thoughtful response deleted...)
>
> Having homebrewing skills is a good thing, but that doesn't mean you
> have to homebrew everything.

Let's not lose perspective: what we're talking about
here is a piece of wire with a couple of connectors on
it.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

1679. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 22:04:20 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <EgxyGEBzodZ7EwPC@peaksys.co.uk>
Source record: 8017

In article <d42b5a72.0107301334.416e4009@posting.google.com>, Laura
Halliday <marsgal42@hotmail.com> writes
>Bill Turner <w7ti@dslextreme.com> wrote in message news:<qo7bmt46saejgfh5liu4ilc
>dkgnuf6a3u7@4ax.com>...
>
>> A good question. Here, IMO, are some answers:
>> (thoughtful response deleted...)
>>
>> Having homebrewing skills is a good thing, but that doesn't mean you
>> have to homebrew everything.
>
>Let's not lose perspective: what we're talking about
>here is a piece of wire with a couple of connectors on
>it.

I think the problem is this -

Connect a PC to a TNC to a radio, and you have two single-cable
connections, and it's quite difficult to make it look untidy.

Connect a "sound card modem" to a radio, and you have one three-cable
connection, with presets and isolation transformers in the middle, and
it's quite difficult to make it look tidy!

So the target is not to make the connections - that's easy enough - but
to make them in an exceptionally neat and tidy manner.

Whenever I set up a sound card modem to test software (that's about the
only time I ever use one), I use a couple of presets on a breadboard,
with phono plugs hanging off it on flying leads, and connecting cables
running to my PC, which is 10 feet or so away from the breadboard / rig.
The end result always reminds me about a comment my mother made about
some of my father's experiments - "Wireless? I've never seen so many
wires in all my life!"

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk
NOTE - I do NOT wish this message to appear in any format
on the UK packet network.

1680. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 22:41:42 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9k4nr901hlh@enews3.newsguy.com>
Source record: 8019

"Bill Turner" <w7ti@dslextreme.com> wrote in message
news:kdt8mts613hsh4s3ouevalanhm1bpkd84h@4ax.com...
> On Sun, 29 Jul 2001 19:19:06 GMT, John Siegel
> <JohnASiegel@worldnet.att.net> wrote:
>
> >What amazes me is that I asked a question and did not get one truly on
> >topic response.
>

Nothing to be amazed about there. It might be that not many if any of the Hams here have tried or seen the unit you asked about. ALL of the responses have been "on-topic" though, whether you personally found them to be satisfactory or not. Your question initiated a discussion... I hope that is not too shocking to you.

Charles, N5PVL

1681. Re: TI dsp and psk31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-30 22:56:32 UTC
From: res085on <res085on@verizon.net>
Message-ID: <ACI97.2888$hj4.340293@paloalto-snr1.gtei.net>
Source record: 8018

"Gary M. Belcaster" <gbelcas@pressenter.com> wrote in message
news:gbelcas-4C5BE5.13160628072001@news.charter.net...
> I just dusted off (quite literally) an old TI c26 DSK. Has anyone used
> this as the core of a psk31 modem/processor ? Were I a smarter boy, I
> would tackle it myself (pse don't make me do this as it would likely
> make my head hurt - hi).
>
> Gary
> ka9rao

Yes there already a program that does PSK31 using the TI DSK c26 board. Look about on this page http://det.bi.ehu.es/~jtpjatae/ham.html I think either you will find the program or a link to it.

Gary KF7XV

1682. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-31 12:30:04 UTC
From: gwheeler@vmguys.com
Message-ID: <3B66A4CE.9C053EBB@vmguys.com>
Source record: 8020
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

From the photos I've found on the net, the IC22U appears to have more in common with the IC24 series than it's predecessors in the IC22 series. It uses three decimal switches to set frequency, so it's not limited to the same frequency range as the 22S.

When I get a chance I'll open it up to see if there are any connections to the ACC jack.

Gerry

Jack wrote:

> If this rig is like the IC22S I have (and I think that's likely),
> unless someone has done mods to it, there are no wires to the acc socket
> on the back. Icom left that open for whatever use one might put it to. On
> mine I added some wires to go to an external box (using diodes and
> individual switches) that allowed me to access more than the 23 channels
> on the selector switch. Also, the 22S, without mods, did not go below 146
> MHz. Basically you're looking at a rig that's in the neighborhood of 18
> to 20 years old which might not be worth it to mod for packet.

1683. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-31 12:32:06 UTC
From: gwheeler@vmguys.com
Message-ID: <3B66A54E.7AD3C3AA@vmguys.com>
Source record: 8021
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

That seems likely. I suppose if that's the case, one could buy/build a remote control head for the radio. Not as sophisticated as today's units, but not a bad idea.

Thanks.

Gerry

Mark Keith wrote:

> I used to have one of those, but has been a few light years ago. I bet
> that plug is for the remote freq controller. They sold an option that
> would let you run an external "mechanical counter" like the one that is
> on the radio for remote freq control. I bet thats what the plug is for.
> There may be other options also, but I forgot em... MK
> --
> http://web.wt.net/~nm5k

1684. Re: Sound Card Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-31 17:33:59 UTC
From: KA9CAR <nospam@nospam.usa>
Message-ID: <9k6q5gqdi1@news.tribune.com>
Source record: 8022

On my Kachina, I just used a Transformer on the Transmit audio. The transformer is at the computer, and I used balanced shielded audio line to the radio. This shield is grounded I also used a relay, and the "amplifier control line" so that by using the Kachina controls for Amp on and Amp off, I dissconnect the balanced transmit audio from the Kachina when not running digital modes. This is intended to keep me from transmiting unintended computer audio.

KA9CAR

George, W5YR <w5yr@att.net> wrote in message news:3B631AA6.64850872@att.net...
> Amazing how soldering is rapidly becoming a dying art! <:}
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
> Rob Janssen wrote:
> >
> > George, W5YR <w5yr@att.net> wrote:
> > >So, I recommend looking closely at working directly with the TX and RX
> > >audio at the rear panel connector and avoiding the complications and
> > >distortions, overloading, etc. from using the mic connector, etc.
> >
> > >This stuff is not rocket science - just a couple of cables and some
> > >connectors; maybe a transformer or two.
> >
> > But as you can see, $90 ready-built commercial boxes are preferred over
> > homebrewing a set of cables and transformers, by many of today's hams.
> >
> > Rob
> > --
> >
+--------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
> >
+--------------------------------+--------------------------------------+
>
> --

1685. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-07-31 22:05:05 UTC
From: Mark Keith <nm5k@wt.net>
Message-ID: <3B672B91.1CF4@wt.net>
Source record: 8023
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

gwheeler@vmguys.com wrote:
>
> That seems likely. I suppose if that's the case, one could buy/build a remote
> control head for the radio. Not as sophisticated as today's units, but not a bad
> idea.
>
> Thanks.
>
> Gerry

I used to know the model number of it, but forgot. Seems like maybe
EX-???? or something like that. It had the same exact rotary
thumbwheels/pushbuttons as the radio, but on a remote plastic case that
ran on a cord to the rig. The 22U is actually a good radio if it's still
working right. It has 5 helical resonators inside and has a tight
receiver, with low intermod numbers. For it's time, it was very good.
Just not fancy. And it can be modded for MARS coverage also, but it's a
PIA cuz you have to switch manually between transmit and receive. MK
--
http://web.wt.net/~nm5k

1686. RC10 now Available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 11:25:27 UTC
From: Jim Jaffe <jaffejim@erols.com>
Message-ID: <9k8ov9kjr1@bob.news.rcn.net>
Source record: 8024

Hi there fellow warblers... MixW version 2.0 RC10 has now been uploaded to
our website which is: http://www.nvbb.net/~jaffejim/mixwpage.htm the
following changes and updates have been made:
- Expiration date (for unregistered users) is September 1st 2001 Now
Supporting Dual Callsigns
For Registered Users (Must be at same address or MARS Callsign)
Added:
Tip of the Day window is added.
Please suggest new tips!
(You may also edit tips.txt file from MixW directory.)

See ExtProg.html to learn about interfacing MixW with other programs
(short VB samples are included):

- Printing QSL cards;
- Passing QSO data to external loggers;
- Passing data to external maps;
- Switching/rotating antennas;
- Custom callbooks.

Contesting for Monkeys article tells about an example of using MixW in
contests. See MonkeyOp.html.

New fields are added to the log file:

- Domain (state, etc.),
- IOTA,
- county,
- QSL manager.

Callbook fields can be viewed via DDE when Callbook dialog is open.
See MixW DDE test.doc file from MixW directory for details.

Two user-configured Log bar layouts are added.
See Configure > Log bar > Custom 1 & 2 menus. Resize Log bar columns by
their gray headers. Double-click on the
border of a header to restore it's original size.

Contest mode: separate menu (View > Contest mode > Activate contest
mode) is added to turn on/off contest mode.
- Domains, states, etc. (see Contest settings dialog) are now grabbed
to Domain field or SerialNR (see "as Domain" and
"as Number" switches);
- Contest time is now grabbed to Exchange Received field and added to
the exchange number, like '001 1532' (001 is a
number, 1532 is grabbed time).

In Search Results dialog, click Callbook button to open the Callbook dialog for a selected callsign.

Export to Cabrillo format file:
2 formats are now supported:
- rst + number,
- [number] + name + domain (NAQP contest etc.).

Export to text files:
New log fields are also added to export list. Using a text editor, exported TXT file can be converted and sent as a contest log.

Icom transceivers:
CWR, FSK and FSKR support added;

Configurable output amplitude for each mode. See Mode > Output amplitude for this mode menu.

Best 73 Jim, WA2VOS

1687. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 12:20:22 UTC
From: Gerry Wheeler <gwheeler@vmguys.com>
Message-ID: <3B67F3EF.BD1C35D@vmguys.com>
Source record: 8025
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Mark Keith wrote:

> The 22U is actually a good radio if it's still
> working right. It has 5 helical resonators inside and has a tight
> receiver, with low intermod numbers. For it's time, it was very good.
> Just not fancy. And it can be modded for MARS coverage also, but it's a
> PIA cuz you have to switch manually between transmit and receive. MK

You seem to know more than anyone else I've talked to about it, so here's another question for you: :-)

There are two switches in the upper right. One is simplex/duplex+/duplex-. The other one (from memory) is labelled dup1/dup2. Do you know what it does?

Gerry

1688. ACARS Log Analyser for Windows - Version 1.0.15 now available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 17:25:36 UTC
From: mark.avey@virgin.net
Message-ID: <21fc4b52.0108010925.3251ead7@posting.google.com>
Source record: 8026

We are pleased to announce that version 1.0.15 of Log Analyser for Windows is now available from http://www.acarsonline.co.uk

This release offers a number of enhancements:

Lowe Airmaster 3/2000 support

Added a new Statistics page

Added "Heard Aircraft" management so you can now see how many aircraft of a particular fleet you have heard

Aircraft Database can now be updated by Importing the CSV file available from ACARS Link (http://www.acarslink.com/alaceqip.htm)

List of New Aircraft displayed after importing a log file

Improved Text output

This is a FREE upgrade.

Thanks,

Mark Avey

1689. Re: Icom IC-22U Accessory Jack

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 19:54:28 UTC
From: Mark Keith <nm5k@wt.net>
Message-ID: <3B685E74.22@wt.net>
Source record: 8027
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Gerry Wheeler wrote:
>
> Mark Keith wrote:
>
> > The 22U is actually a good radio if it's still
> > working right. It has 5 helical resonators inside and has a tight
> > receiver, with low intermod numbers. For it's time, it was very good.
> > Just not fancy. And it can be modded for MARS coverage also, but it's a
> > PIA cuz you have to switch manually between transmit and receive. MK
>
> You seem to know more than anyone else I've talked to about it, so here's another
> question for you: :-)
>
> There are two switches in the upper right. One is simplex/duplex+/duplex-. The other
> one (from memory) is labelled dup1/dup2. Do you know what it does?
>
> Gerry

It's been so long, I'm not sure without seeing a picture, but it may be
to reverse the split if I remember right. Say you are on 146.88 with the
top button on - duplex. It seems the other one may have reversed the
split for a quick way to listen to the input. You would then be
receiving on 146.28 and transmitting on 88. But I may be wrong on this.
Been 15 years or more. I can probably dig up an old ad in a QST. That
might prod my memory better. MK
--
http://web.wt.net/~nm5k

1690. MMSSTV @ MIXW

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 22:40:33 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <Bz%97.27194$_b4.2584507@news1.cableinet.net>
Source record: 8028

Hi.

If you use either MM-SSTV or MIXW software's I have just uploaded the latest versions to my site.

http://www.g3vfp.co.uk

Cheers,

Dave.

1691. MMSSTV & MIXW SOFTWARES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-01 22:42:42 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <CB%97.27211$_b4.2585117@news1.cableinet.net>
Source record: 8029

Hi.

If you use either MM-SSTV or MIXW software's I have just uploaded the latest versions to my site.

http://www.g3vfp.co.uk

Cheers,

Dave.

1692. JPS NIR-10 EEproms

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-03 18:23:37 UTC
From: Les <lesmoore@mindspring.com>
Message-ID: <rjqlmtgnmvu0o56cjok6pit2bs7m6jpq8s@4ax.com>
Source record: 8030

I just bought a JPS NIR-10 and am trying to find a source for the
EEproms, I think thats what they are as apposed to Eproms.

The are a WIS 57C191C or B I dodn't know what the difference is.
The chips are marked 57C191C-35 but George at JPS said B.

George (K8QM) at JPS was a great help in providing the latest code,
since they do not support this item anymore. I hate to bother him
again, since they really don't handle this any more.

All I have to do now is find the chips and a burner.
I guess an EEprom take a diferent burner ??

Thanks, Bob

73's
KA3ADU

1693. WTB tnc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-03 21:31:24 UTC
From: Mike Abrams <mikea@efn.org>
Message-ID: <3B6B182C.3C69914F@efn.org>
Source record: 8031
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap,alt.ham-radio.marketplace

hi..... I am looking for a small TNC abt the size of a PK-12 or smaller
want to use it for APRS ... If you have one setting around I would like
to hear From you.
TNX DE kc7zfp (Mike)
73's.............Dit Dit

1694. Re: Is a TNC still required for digital?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-04 07:34:27 UTC
From: hamish@cloud.net.au
Message-ID: <7ANa7.14847$A5.43562@news1.eburwd1.vic.optushome.com.au>
Source record: 8032

"Bob Lewis \(AA4PB\)" <rlewis@staffnet.com> wrote:
> The receive audio does not pass through the RigBlaster at all - which
> is why I would personally never recommend it. There are a number of
> other ready built and kit form interfaces available that do isolate
> the receive audio and cost less. When RigBlaster first came out it was
> the only "ready made" game in town. Things have changed.

Besides, it is actually possible (and not difficult) to build your own.
It is only a handful of parts (transformers, optoisolator, a pot, maybe
some resistors).

> 10 years. Interfacing to the speaker jack and the mike connector may
> be easier to accomplish but it is much less convient operationally
> once it is done and you have to be more careful not to overdrive

Doesn't every radio made in the past 15 years have accessory sockets?
I would never consider connecting the PC to the speaker/mic connections.
It's just too inconvenient when you want to operate another mode.

Besides, you need to be listening with your ears to operate digital
modes too. For one thing you need to listen for a clear frequency
before transmitting.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1695. digital speech

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-04 13:39:25 UTC
From: floydboyz@hotmail.com
Message-ID: <9524b039.0108040539.5d95f9@posting.google.com>
Source record: 8033

Is there a prgm out there that can interface with my computer's sound card that
can tell me what the dx spots are insted of me turning my head to read them?
No I'm not lazy,just want to do this.
tnx de dave-n2rhl

1696. Re: digital speech

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-04 15:07:32 UTC
From: The Antenna Man <buzzards@optonline.net>
Message-ID: <UcUa7.21855$uj2.3601229@news02.optonline.net>
Source record: 8034

There is a program called Cluster Master v4.50 by I0jx that does what you
want.
You can contact Tony at i0jx@amsat.org for the shareware program.
mike (wj2d)

1697. Re: digital speech

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-04 20:01:10 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <roJ5EWAaTFb7Ew7a@peaksys.co.uk>
Source record: 8035

In article <9524b039.0108040539.5d95f9@posting.google.com>, n2rhl
<floydboyz@hotmail.com> writes
>Is there a prgm out there that can interface with my computer's sound card that
>can tell me what the dx spots are insted of me turning my head to read them?

I would think there are several.

My WinPack software will do it, even though it's not specifically a DX
cluster program.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1698. FS: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-05 00:23:58 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <sg4pmtckoru4mcl3o8mki1te2eicckoaqt@4ax.com>
Source record: 8036
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1699. Re: digital speech

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-05 12:38:19 UTC
From: "Fr@nko" <hb9oab>
Message-ID: <9kjeo7ntn1@news1.sunrise.ch>
Source record: 8037

Wlog2000 at www.wlog2000.com make voice speech dxcluster spot with TNC or MODEM, BAYCOM or also direct with SOUND CARD without modem or with Telnet with also alarm on newone Worked or None on all first award DXC WPX WAC WAZ ITU SQR also for PSK autoLog PBBS psk mailer.

73's bye
Fr @ nco

"n2rhl" <floydboyz@hotmail.com> ha scritto nel messaggio news:9524b039.0108040539.5d95f9@posting.google.com...
> Is there a prgm out there that can interface with my computer's sound card that
> can tell me what the dx spots are insted of me turning my head to read them?
> No I'm not lazy,just want to do this.
> tnx de dave-n2rhl

1700. Re: WTB tnc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-05 13:58:42 UTC
From: ko4qc@mindspring.com
Message-ID: <3b6d509f.44645688@news.mindspring.com>
Source record: 8038
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap,alt.ham-radio.marketplace

I have a KPC3+ that was used for a short time on Field Day...in
original box..all papers etc just like new...make me an offer
including S&H to lower 48....TNX

On Fri, 03 Aug 2001 14:31:24 -0700, Mike Abrams <mikea@efn.org> wrote:

>hi..... I am looking for a small TNC abt the size of a PK-12 or smaller
>want to use it for APRS ... If you have one setting around I would like
>to hear From you.
> TNX DE kc7zfp (Mike)
> 73's.............Dit Dit
>

1701. Re: WTB tnc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-05 16:31:40 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <yzeb7.51212$TW.256780@tor-nn1.netcom.ca>
Source record: 8039
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap,alt.ham-radio.marketplace

Hi Mike,

Check out EBAY. There are always lots of TNC's on auction. I prefer the KANTRONICS line of TNC's with their built in APRS digipeater firmware. Make sure the TNC has the latest firmware

If you just want a TNC to send out your position for APRS, check out TinyTrak at http://www.byonics.com/. It is all you need for mobile APRS and it cost around $30 US (but you must build it!)

But if you want to also receive APRS signals and display them on a map on your PC at home, you will need a regular TNC like the KPC3, etc

73's
Rob

"Mike Abrams" <mikea@efn.org> wrote in message
news:3B6B182C.3C69914F@efn.org...
> hi..... I am looking for a small TNC abt the size of a PK-12 or smaller
> want to use it for APRS ... If you have one setting around I would like
> to hear From you.
> TNX DE kc7zfp (Mike)
> 73's.............Dit Dit
>

1702. Re: digital speech

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-06 07:29:21 UTC
From: Markus Lenggenhager <markus.lenggenhager@nospam.philips.com>
Message-ID: <3b6e472c$0$989$4d4ebb8e@read-nat.news.nl.uu.net>
Source record: 8040

Also WinGT announces DX spots by voice.
http://www.wingt.de/html/english/wingte.htm

73, Markus HB9BRJ

"n2rhl" <floydboyz@hotmail.com> wrote in message
news:9524b039.0108040539.5d95f9@posting.google.com...
> Is there a prgm out there that can interface with my computer's sound card
that
> can tell me what the dx spots are insted of me turning my head to read
them?
> No I'm not lazy,just want to do this.
> tnx de dave-n2rhl
>

1703. Re: WTB tnc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-06 16:10:08 UTC
From: "Michael W. McGinley" <mmcginley@kscable.com>
Message-ID: <060820011110085341%mmcginley@kscable.com>
Source record: 8041
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap,alt.ham-radio.marketplace

Hello Rob

Thanks for the info but i will not use ebay...
i don't need arps ability at this time... just looking
for a old Kantronics KPC II or th KPC III (Not the Plus)
for basic packet Use

In article <yzeb7.51212$TW.256780@tor-nn1.netcom.ca>, Rob
<Pse@NoEmail.Com> wrote:

> Hi Mike,
>
> Check out EBAY. There are always lots of TNC's on auction. I prefer the
> KANTRONICS line of TNC's with their built in APRS digipeater firmware. Make
> sure the TNC has the latest firmware
>
> If you just want a TNC to send out your position for APRS, check out
> TinyTrak at http://www.byonics.com/. It is all you need for mobile APRS and
> it cost around $30 US (but you must build it!)
>
> But if you want to also receive APRS signals and display them on a map on
> your PC at home, you will need a regular TNC like the KPC3, etc
>
> 73's
> Rob
>
> "Mike Abrams" <mikea@efn.org> wrote in message
> news:3B6B182C.3C69914F@efn.org...
> > hi..... I am looking for a small TNC abt the size of a PK-12 or smaller
> > want to use it for APRS ... If you have one setting around I would like
> > to hear From you.
> > TNX DE kc7zfp (Mike)
> > 73's.............Dit Dit
> >

1704. SkySweeper 2.4

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-07 11:30:31 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <rjQb7.1765$q4.34447@news.kpnqwest.fi>
Source record: 8042

They seem to have released a new version of Skysweeper (2.4) including at least following things:

-Chat application for RX and TX coversation
-New multitone SkyBoost mode
-Mixer

That Skyboost seems to be free (doesn't require registration). Has anybody tried it yet?
You can find Skysweeper here: www.skysweep.com

-artsi

1705. PK-900 Firmware Problem?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-08 16:26:36 UTC
From: bwigg@roddelectronics.com
Message-ID: <16e57fc1.0108080826.3f2b12c8@posting.google.com>
Source record: 8043

Hello to all,

I have a problem with one of my PK-900's. After it runs a few minutes it will not connect to another station on VHF packet. It transmits and the remote station responds, but I do not get a connect. You can do a reset and it will work OK for a few minutes then the problem returns. I can still monitor other packets after the problem starts.

I started swapping some parts from my good PK-900 (mem, EPROMS, etc) and found the problem went away after swapping the EPROMS. Both units have the same EPROM revisions. I made a copy of the good EPROMS with my EPROM burner and they will not work at all. Thing will not even boot. BTW I know it isn't legal to make copies but, I do not think I am stealing anything, I was just trying to restore what was lost/corrupted.

Are these things somehow copy protected? I have used my burner to make copies before with no problem.

Anybody have any ideas. Since AEA is gone and I heard that Timewave only sells upgrades to DSP.!!

1706. two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-09 11:41:09 UTC
From: n0hqn@yahoo.com
Message-ID: <fef24296.0108090341.6be1cdc9@posting.google.com>
Source record: 8044

Hi, all!

Just got a new computer and am reconfiguring the shack from top to bottom. Have several radios (756pro, 895xlt scanner, rx-320, 706mkII) that I am setting up for varying levels of computer control. The computer that I'm setting up has an AMD 1ghz chipset w/ 256megs, etc. It has an ONBOARD "soundcard" (part of the motherboard) I want to also install a soundblaster 16bit card and use BOTH...I'd like to dedicate one card to my RX-320, for example, and use the other for digital modes.
In fact, I installed the card and drivers for the SB card and now the computer recognizes only that card. Hmmmm.....Any suggestions? I imagine this topic has come up before, but I'd appreciate any advice..
Thanks in advance!!

Doug n0hqn

1707. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-09 13:00:16 UTC
From: OldBiker <ka3dww@arrl.org>
Message-ID: <3B728960.23654210@arrl.org>
Source record: 8045

Doug wrote:
>
> It has an ONBOARD "soundcard" (part of the motherboard) I want to
> also install a soundblaster 16bit card and use BOTH...

I've never tried any of their stuff yet but I think

<http://www.elcom.gr/sv2agw/agwsc.htm>

has - or has a link to some SW that does just that. Check out the link
at the very top of the page to "good info..." too.

73 KA3DWW

1708. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-09 14:18:40 UTC
From: William Robison <william-robison@uiowa.com>
Message-ID: <3B729BC0.3C977A76@uiowa.com>
Source record: 8046

Doug wrote:
>
> Hi, all!
>
> Just got a new computer and am reconfiguring the shack from top to
> bottom. Have several radios (756pro, 895xlt scanner, rx-320, 706mkII)
> that I am setting up for varying levels of computer control. The
> computer that I'm setting up has an AMD 1ghz chipset w/ 256megs, etc.
> It has an ONBOARD "soundcard" (part of the motherboard) I want to
> also install a soundblaster 16bit card and use BOTH...I'd like to
> dedicate one card to my RX-320, for example, and use the other for
> digital modes.
> In fact, I installed the card and drivers for the SB card and now the
> computer recognizes only that card. Hmmmm.....Any suggestions? I
> imagine this topic has come up before, but I'd appreciate any advice..
> Thanks in advance!!
>
> Doug n0hqn

Seems to work OK under Linux... I've 2 "es1371" based cards in
my system and am able to run AX25, PSK31, and normal sound apps.

Under 98, however, similar experience. The last card installed
in the system is the one that works, while the 1st. is dead.

-Willy
KC0JFQ

1709. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-09 17:01:45 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9n5gfo.mt1.nomail@linux.pe1chl.ampr.org>
Source record: 8047

Doug <n0hqn@yahoo.com> wrote:
>Hi, all!

>Just got a new computer and am reconfiguring the shack from top to
>bottom. Have several radios (756pro, 895xlt scanner, rx-320, 706mkII)
>that I am setting up for varying levels of computer control. The
>computer that I'm setting up has an AMD 1ghz chipset w/ 256megs, etc.
>It has an ONBOARD "soundcard" (part of the motherboard) I want to
>also install a soundblaster 16bit card and use BOTH...I'd like to
>dedicate one card to my RX-320, for example, and use the other for
>digital modes.
>In fact, I installed the card and drivers for the SB card and now the
>computer recognizes only that card. Hmmmm.....Any suggestions? I
>imagine this topic has come up before, but I'd appreciate any advice..

It is possible to have more than one soundcard, as long als your operating
system and the application program support that.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1710. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-11 00:43:00 UTC
From: Coyotes of the River <fdecker@ezaccess.net>
Message-ID: <tn8vq9sh8vaaf8@corp.supernews.com>
Source record: 8048

You need to set up two Hardware Profiles, one for each sound card. See your Help File under "Hardware Profiles," and keep us posted. (I'm assuming Windows.) I change things so often, I never know when I might end up with a motherboard with integrated sound.

AA3WO
Digital Newbie and first-time poster

"Doug" <n0hqn@yahoo.com> wrote in message
news:fef24296.0108090341.6be1cdc9@posting.google.com...
> Hi, all!
>
> Just got a new computer and am reconfiguring the shack from top to
> bottom. Have several radios (756pro, 895xlt scanner, rx-320, 706mkII)
> that I am setting up for varying levels of computer control. The
> computer that I'm setting up has an AMD 1ghz chipset w/ 256megs, etc.
> It has an ONBOARD "soundcard" (part of the motherboard) I want to
> also install a soundblaster 16bit card and use BOTH...I'd like to
> dedicate one card to my RX-320, for example, and use the other for
> digital modes.
> In fact, I installed the card and drivers for the SB card and now the
> computer recognizes only that card. Hmmmm.....Any suggestions? I
> imagine this topic has come up before, but I'd appreciate any advice..
> Thanks in advance!!
>
> Doug n0hqn

1711. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-11 08:09:16 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9n9q1c.7kk.nomail@linux.pe1chl.ampr.org>
Source record: 8049

Coyotes of the River <fdecker@ezaccess.net> wrote:
>You need to set up two Hardware Profiles, one for each sound card.

That won't work, you can only select one profile at bootup so only one
card will be active.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1712. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-11 12:18:06 UTC
From: n0hqn@yahoo.com
Message-ID: <fef24296.0108110418.27da11bc@posting.google.com>
Source record: 8050

"Coyotes of the River" <fdecker@ezaccess.net> wrote in message
news:<tn8vq9sh8vaaf8@corp.supernews.com>...
> You need to set up two Hardware Profiles, one for each sound card. See
> your Help File under "Hardware Profiles," and keep us posted. (I'm
> assuming Windows.) I change things so often, I never know when I might end
> up with a motherboard with integrated sound.
>
> AA3WO
> Digital Newbie and first-time poster
>
>
> "Doug" <n0hqn@yahoo.com> wrote in message
> news:fef24296.0108090341.6be1cdc9@posting.google.com...
> > Hi, all!
> >
> > Just got a new computer and am reconfiguring the shack from top to
> > bottom. Have several radios (756pro, 895xlt scanner, rx-320, 706mkII)
> > that I am setting up for varying levels of computer control. The
> > computer that I'm setting up has an AMD 1ghz chipset w/ 256megs, etc.
> > It has an ONBOARD "soundcard" (part of the motherboard) I want to
> > also install a soundblaster 16bit card and use BOTH...I'd like to
> > dedicate one card to my RX-320, for example, and use the other for
> > digital modes.
> > In fact, I installed the card and drivers for the SB card and now the
> > computer recognizes only that card. Hmmmm.....Any suggestions? I
> > imagine this topic has come up before, but I'd appreciate any advice..
> > Thanks in advance!!
> >
> > Doug n0hqn

Thanks, everyone......I'll try each suggestion and post my results. I
also just
picked up Mandrake's Linux for Windows as I'm interested in learning
to use Linux/Unix. I've heard that Linux is quite accomodating as far
as hardware integration is concerned--we'll see. Of course, I wonder
if, while using Linux I'd still be able to use Window's based Digipan
or MMSSTV? Probably not, eh? I'll let you know what happens here w/
the soundcard conundrum!

Doug n0hqn

1713. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-11 15:08:15 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9naiiv.f4t.nomail@linux.pe1chl.ampr.org>
Source record: 7951

Doug <n0hqn@yahoo.com> wrote:
>Thanks, everyone......I'll try each suggestion and post my results. I
>also just
>picked up Mandrake's Linux for Windows as I'm interested in learning
>to use Linux/Unix. I've heard that Linux is quite accomodating as far
>as hardware integration is concerned--we'll see. Of course, I wonder
>if, while using Linux I'd still be able to use Window's based Digipan
>or MMSSTV? Probably not, eh? I'll let you know what happens here w/
>the soundcard conundrum!

It depends on your system power and what you want to spend.

A product named VMware (www.vmware.com) allows you to run Windows as a task
under Linux. It allows you to have several copies of Windows running, each
accessing a different soundcard as "the soundcard", while running other
programs natively under Linux.

This is a commercial product, however. And it will require a reasonably
modern PC in terms of CPU power and RAM size. So don't try this on a
32MB P133.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1714. WINDOWS OR LINUX SOUNDCARD SOFTWARE'S

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-11 20:01:54 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <Sagd7.18652$pv6.1474012@news1.cableinet.net>
Source record: 7952

Hi.

If you are looking for modes like PSK,RTTY,MFSK,SSTV etc etc that utilise a PC's soundcard with your radio, then take a browse.

http://www.g3vfp.co.uk
or
http://www.btinternet.com/~g3vfp

Lots to choose :-).

Regards,

Dave G3VFP

1715. PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 02:04:08 UTC
From: Larry Lehmann <larryl@nebi.com>
Message-ID: <3B75E417.98C311EF@nebi.com>
Source record: 7953

What brand of interface is the best for PSK31 and all the other modes?

Tnx

KC0DA

1716. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 10:28:32 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9l5lpe0n65@enews4.newsguy.com>
Source record: 7955

They're all good. I like the one at http://www.packetradio.com best, because of the option of getting it in kit form. You save about half the expense that way, and its another good excuse to warm up the soldering iron and have a little fun. - Or you can buy it fully assembled and tested for "plug 'n play".

Charles, N5PVL

"Larry Lehmann" <larryl@nebi.com> wrote in message news:3B75E417.98C311EF@nebi.com...
> What brand of interface is the best for PSK31 and all the other
> modes?
>
> Tnx
>
> KC0DA
>

1717. FS: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 10:49:59 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <kqncnt0cdlu2rm0gaeok47oh6ni6sjf21f@4ax.com>
Source record: 7954
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1718. Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 15:24:10 UTC
From: ZeroJunk@hotmail.com
Message-ID: <9cbbfb07.0108120724.5152509c@posting.google.com>
Source record: 7956

I have a PK232 unit that I have hooked up to a Kenwood TM-221A, and a terminal.

I can receive stations packets, BUT can not connect.

I have done as the book states:
Radio off

MYC AAA
C AAA

-It just times out.

If I have the radio on with my call sign set in the PK232 the transmitter keys up. But I can not connect to any station, including myself.

What can I do?

I took it out of 3 years storage and put new batteries in it (Zero corrosion).
I have re-seated the chips.

Is it time to toss this PK232 out and get a new controller?

Please Help

Zack

1719. MFJ-1270C/1274C assistance

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 16:00:21 UTC
From: Werner Schwager <wwsch@mb.sympatico.ca>
Message-ID: <3B76A815.AAC0E39C@mb.sympatico.ca>
Source record: 7957

Greetings,
I am attempting to install a MFJ-9600 modem into a MFJ-1274C and I
am having some problems, where
the STA and CON lights stay on and also the DCD light stays on....I have
installed these units in a 1270B,
1278 and 1274 successfully. Is there anyone out there that might shed
some light if there are some special
problems with the C models installation.
This 1274C also has 128K mailbox ram and real time clock installed.
I noticed I also have a problem
resetting the parameters to default, as disconnecting the Battery, and
also shorting JP23 does not seem
to help. Is the extra RAM and time clock, etc effecting this part?
Any help or suggestions would be appreciated.....

--
Werner Schwager
Ham Radio: VE4UA@VE4BBS.#WPG.MB.CAN.NOAM
Sysop of Winnipeg Packet BBS VE4BBS

INTERNET: wwsch@mb.sympatico.ca
ve4ua@ve4wws.ampr.org

1720. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 18:06:47 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9l6gl701f61@enews1.newsguy.com>
Source record: 7958

Make sure the "XMITOK" paramater is turned on. One time I couldn't get on
the air, and that turned out to be the problem. Dunno how I had managed to
mess it up in the first place, but apparently I did.
It kept the PK-232 from keying up my rig, also a TM-221a like yours, by the
coincidence.

If this ain't it, I hope its somethinhg else just as simple and easy to fix.

Charles, N5PVL

"Zero Junk" <ZeroJunk@hotmail.com> wrote in message
news:9cbbfb07.0108120724.5152509c@posting.google.com...
> I have a PK232 unit that I have hooked up to a Kenwood TM-221A, and a
> terminal.
>
> I can receive stations packets, BUT can not connect.
>
> I have done as the book states:
> Radio off
>
> MYC AAA
> C AAA
>
> -It just times out.
>
> If I have the radio on with my call sign set in the PK232 the
> transmitter keys up. But I can not connect to any station, including
> myself.
>
> What can I do?
>
> I took it out of 3 years storage and put new batteries in it (Zero
> corrosion).
> I have re-seated the chips.
>
> Is it time to toss this PK232 out and get a new controller?
>
> Please Help
>
> Zack

1721. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 19:22:51 UTC
From: "p.churchill" <p.churchill@ntlworld.com>
Message-ID: <WEAd7.40172$e%3.5408469@news2-win.server.ntlworld.com>
Source record: 7959

have a look at this site it may help I have both receive only and
receive/transmit versions and they both work very well.
Larry Lehmann <larryl@nebi.com> wrote in message
news:3B75E417.98C311EF@nebi.com...
> What brand of interface is the best for PSK31 and all the other
> modes?
>
> Tnx
>
> KC0DA
>

1722. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 21:16:57 UTC
From: mogens9181@aol.com
Message-ID: <20010812171657.14365.00002401@mb-mi.aol.com>
Source record: 7960

Does your radio key up when attempting to connect? We'll take it from there when I get your answer.

C. Jespersen
K2OG

1723. SkySweep

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-12 23:31:56 UTC
From: Worez_Magic <worez_magic-del-@hotmail.com>
Message-ID: <MIEd7.4560$K17.5955041@ratbert.tds.net>
Source record: 7961

Anyone used the registered version of SkySweep? I downloaded the demo, and
it looks good, but would like some idea of how it works in the real world...

See at: http://www.skysweep.com/

1724. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 01:28:44 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9l7ahp0275@enews4.newsguy.com>
Source record: 7962

"Mogens9181" <mogens9181@aol.com> wrote in message
news:20010812171657.14365.00002401@mb-mi.aol.com...
> Does your radio key up when attempting to connect? We'll take it from
there
> when I get your answer.

No, it didn't key up at all. I remember wasting a certain amount of time re-checking the wiring of the mike plug for the rig, and so on. This was close to ten years ago. It turned out to be the XMITOK parameter, if I remember correctly. I turned it on, and then everything worked fine.

I never did understand how it got turned off in the first place. I probably did it myself, and just didn't remember. Nobody else ever messed with the TNC, so the list of suspects was narrowed down considerably. It was either me, or the poodle that did it.

Charles, N5PVL

1725. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 03:11:43 UTC
From: ZeroJunk@hotmail.com
Message-ID: <9cbbfb07.0108121911.6b8efd2f@posting.google.com>
Source record: 7963

XMITOK is ON.

The radio does key up.

Please note that I do not have the mic, as I bought the radio used
just for packet, 6 years ago and the unit worked fine up till now.

Zack

mogens9181@aol.com (Mogens9181) wrote in message
news:<20010812171657.14365.00002401@mb-mi.aol.com>...
> Does your radio key up when attempting to connect? We'll take it from there
> when I get your answer.
>
> C. Jespersen
> K2OG

1726. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 12:22:47 UTC
From: Clinton <cpeebles@_nospam_telus.net>
Message-ID: <rEPd7.37962$uM6.5252301@news1.telusplanet.net>
Source record: 7964

Isn't that the loopback test? If so, have you joined the green and white
wires? If your trying to connect to your own callsign (AAA in this case),
via the radio, you'll never connect unless you go through a digipeater or
node.

Clinton Peebles VE7KNL
Salmo, B.C. Canada
Remove _nospam_ to reply
E-Mail: cpeebles@telus.net

"Zero Junk" <ZeroJunk@hotmail.com> wrote in message
news:9cbbfb07.0108120724.5152509c@posting.google.com...
> I have a PK232 unit that I have hooked up to a Kenwood TM-221A, and a
> terminal.
>
> I can receive stations packets, BUT can not connect.
>
> I have done as the book states:
> Radio off
>
> MYC AAA
> C AAA
>
> -It just times out.
>
> If I have the radio on with my call sign set in the PK232 the
> transmitter keys up. But I can not connect to any station, including
> myself.
>
> What can I do?
>
> I took it out of 3 years storage and put new batteries in it (Zero
> corrosion).
> I have re-seated the chips.
>
> Is it time to toss this PK232 out and get a new controller?
>
> Please Help
>
> Zack

1727. Re: SkySweep

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 15:09:57 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <95Sd7.2074$q4.44835@news.kpnqwest.fi>
Source record: 7965

Worez_Magic <worez_magic-del-@hotmail.com> wrote in message
news:MlEd7.4560$K17.5955041@ratbert.tds.net...
> Anyone used the registered version of SkySweep? I downloaded the demo,
and
> it looks good, but would like some idea of how it works in the real
world...
>
> See at: http://www.skysweep.com/
>
>

I have been registered user since 2.0 and used it daily.
The decoders and visualisation are top class and the RX/TX user interface
also improved a lot in this latest release supporting macros etc.
Also there has been new modes and functionality regularly in their new
releases (typically between 3-4 months)

Anyway, you can try their previous release 2.3 (found also their web site
http://www.skysweep.com/download_frame.htm) for 10 minutes in demo mode (all
functionality except new 2.4 functionality) just to check how it works.

-artsi

1728. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 17:31:30 UTC
From: mogens9181@aol.com
Message-ID: <20010813133130.19285.00003458@mb-mc.aol.com>
Source record: 7967

Check and make sure that the wires are firmly seated in the 5-pin cable
connector,
especially the white one which carries the audio tx.

C. Jespersen
K2OG

1729. Re: Help with a PK232, won't connect.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 17:36:21 UTC
From: jdouglas@timewave.com
Message-ID: <3b780eb2.10496420@news.minn.net>
Source record: 7966

Here are some ideas:

1) Hard reset the unit (JP-1)
2) If you have a spare radio cable short the green and white wires
together and put that cable on radio 2

Note: If you don't have a spare cable, the jumper on JP-1 just fits
across the tyransmit/receive pins on the PK-232 radio port

3) Put AAA in mycall VHF Packet
4) select packet mode and connect to AAA
5) Set the AFSK out setting on the back of the unit to 12 O'clock
6) Check the filter settings by runing the Calibrate command

If this does not work Give me a call at Timewave (651) 489-5080

vy 73

John NISL
Sales Manager
Timewave Technology

*** Like the new sound card modes? Check out the PK-232 Sound card
Interface Upgrade <http://www.timewave.com>

On 12 Aug 2001 08:24:10 -0700, ZeroJunk@hotmail.com (Zero Junk) wrote:

>I have a PK232 unit that I have hooked up to a Kenwood TM-221A, and a
>terminal.
>
>I can receive stations packets, BUT can not connect.
>
>I have done as the book states:
>Radio off
>
>MYC AAA
>C AAA
>
>-It just times out.
>
>If I have the radio on with my call sign set in the PK232 the
>transmitter keys up. But I can not connect to any station, including
>myself.
>
>What can I do?
>
>I took it out of 3 years storage and put new batteries in it (Zero

>corrosion).
>I have re-seated the chips.
>
>Is it time to toss this PK232 out and get a new controller?
>
>Please Help
>
>Zack

1730. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 17:38:42 UTC
From: jdouglas@timewave.com
Message-ID: <3b781041.10895330@news.minn.net>
Source record: 7968

On Sat, 11 Aug 2001 21:04:08 -0500, Larry Lehmann <larryl@nebi.com>
wrote:

>What brand of interface is the best for PSK31 and all the other
>modes?
>
>Tnx
>
>KC0DA
>

If you have a PK-232 or PK-900 check <http://www.timewave.com> for the
soundcard interface upgrade. PTT and comlete isolation for BOTH audio
in and out to the soundcard.

73

John N&#65533;ISL
Timewave Technology

1731. Re: If you want it ,we have it ,Your Asian Sourcing Agent assist you tosuccess

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 17:44:14 UTC
From: Gary Woods <gwoods@albany.net>
Message-ID: <ud4gntcreuon8mmt5f6vk00tdcps0ru03q@4ax.com>
Source record: 7970
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

peter@strg-alt-entf.org (Peter Lemken) wrote:

>You think hotmail cares?

No, but they'll kill the dropbox, whether or not you're a spammer.

IMHO, the _only_ way to get a hotmail account killed.

1732. Re: PK-900 Firmware Problem?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 17:47:12 UTC
From: jdouglas@timewave.com
Message-ID: <3b7810d3.11041910@news.minn.net>
Source record: 7969

On 8 Aug 2001 09:26:36 -0700, bwigg@roddelectronics.com (Billy) wrote:

>Hello to all,
>
>I have a problem with one of my PK-900's. After it runs a few minutes
>it will not connect to another station on VHF packet. It transmits and
>the remote station responds, but I do not get a connect. You can do a
>reset and it will work OK for a few minutes then the problem returns.
>I can still monitor other packets after the problem starts.
>
>I started swapping some parts from my good PK-900 (mem, EPROMS, etc)
>and found the problem went away after swapping the EPROMS. Both units
>have the same EPROM revisions. I made a copy of the good EPROMS with
>my EPROM burner and they will not work at all. Thing will not even
>boot. BTW I know it isn't legal to make copies but, I do not think I
>am stealing anything, I was just trying to restore what was
>lost/corrupted.
>
>Are these things somehow copy protected? I have used my burner to make
>copies before with no problem.
>
>Anybody have any ideas. Since AEA is gone and I heard that Timewave
>only sells upgrades to DSP.!!

Hello Billy,

Timewave sells the DSP upgrade for the PK-900 as you suggest. The
reason we can not sell older firmware upgrades is because of the
design of the PK-900. Each revision of the firmware is "tied" to a PAL
chip on the main board. When we got the AEA support material, the old
versions of the firmware were not included.

Since the DSP upgrade replaces the PAL chip we are able to upgrade any
older PK-900. If you send me the old "bad" eproms, I can see if we
have a version that works.

vy 73

John NISL

1733. ring counter?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 18:45:55 UTC
From: Dale Parfitt <parinc@GTE.net>
Message-ID: <3B781ECC.98593252@GTE.net>
Source record: 7971

Hi,
I have need for a 3 stage and a 7 stage counter that will pass a hi state (or low) successively each time a pushbutton is pressed. My knowledge is RF and digital is a bit murky. Anyone have any thoughts? The application is to select one of 7 bandpass filters in a receiver front end through successive pressings of a single pushbutton.

Thanks,

Dale W4OP

1734. Re: ring counter?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-13 20:38:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ngemq.e5h.nomail@linux.pe1chl.ampr.org>
Source record: 7972

Dale Parfitt <parinc@GTE.net> wrote:
>Hi,
>I have need for a 3 stage and a 7 stage counter that will pass a hi
>state (or low) successively each time a pushbutton is pressed. My
>knowledge is RF and digital is a bit murky. Anyone have any thoughts?
>The application is to select one of 7 bandpass filters in a receiver
>front end through successive pressings of a single pushbutton.

CMOS 4017?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1735. WTB: Complete Yaesu FIF-232 CAT System Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-14 20:15:47 UTC
From: Paul <pvanasse@mail.direcpc.com>
Message-ID: <RGfe7.6839$V9.656673@news.direcpc.com>
Source record: 7973
Cross-posted to: alt.ham-radio.marketplace,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Please email price and condition.

Thanks and 73

BT

1736. Re: two soundcards??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-14 20:47:40 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0108141247.94333ab@posting.google.com>
Source record: 7974

n0hqn@yahoo.com (Doug) wrote in message
news:<fef24296.0108110418.27da11bc@posting.google.com>...

> Thanks, everyone......I'll try each suggestion and post my results. I
> also just
> picked up Mandrake's Linux for Windows as I'm interested in learning
> to use Linux/Unix. I've heard that Linux is quite accomodating as far
> as hardware integration is concerned--we'll see. Of course, I wonder
> if, while using Linux I'd still be able to use Window's based Digipan
> or MMSSTV? Probably not, eh? I'll let you know what happens here w/
> the soundcard conundrum!

There are Linux programs available for PSK31, SSTV, and
all sorts of other noises you can make with the sound card.
Why not use them instead?

Linux apps usually come as source code, but that means
you can mess with it and modify it as you please. If
you don't like how a program works, fix it. If the program
you need doesn't exist, write it.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

1737. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-14 21:31:11 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <mOge7.53234$TW.271202@tor-nn1.netcom.ca>
Source record: 7975

John,

I see the sound card upgrade for the PK-232 on the timewave site but no mention of an upgrade for the PK-900.

Is one available? If not, when will it be available?

Rob

"John Douglas" <jdouglas@timewave.com> wrote in message news:3b781041.10895330@news.minn.net...
> On Sat, 11 Aug 2001 21:04:08 -0500, Larry Lehmann <larryl@nebi.com>
> wrote:
>
> >What brand of interface is the best for PSK31 and all the other
> >modes?
> >
> >Tnx
> >
> >KC0DA
> >
>
> If you have a PK-232 or PK-900 check <http://www.timewave.com> for the
> soundcard interface upgrade. PTT and comlete isolation for BOTH audio
> in and out to the soundcard.
>
> 73
>
> John N&#65533;ISL
> Timewave Technology

1738. Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-15 14:42:40 UTC
From: OldBiker <vito@xlink.net>
Message-ID: <3B7A8A60.ADC4A099@xlink.net>
Source record: 7976

I'd like to be able to access internet email via HF while traveling in our motorhome. So far all the info says I'll need an expensive ($350 - $1000) TNC to do so. Have any of y'awl done any experimenting with Pactor 1 or 2 via sound card on the net that provides email? I'm reasonably familiar with the internet, computers and radio but the combo is new to me.

TIA and 73

KA3DWW

1739. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-15 14:43:54 UTC
From: "R. Scott" <kf7qz@yahoo.com>
Message-ID: <3B7A8AAA.3BE321C@yahoo.com>
Source record: 7977

> They're all good. I like the one at http://www.packetradio.com best, because
> of the option of getting it in kit form. You save about half the expense
> that way, and its another good excuse to warm up the soldering iron and have
> a little fun. - Or you can buy it fully assembled and tested for "plug 'n
> play".
>
> Charles, N5PVL

Just ordered mine 2 days ago, Ive built a couple different interfaces
and didnt like em. This kit looks the best and well constructed. Im
hoping its all its cracked up to be :).

Rick KF7QZ
(who is looking forward to returning to PSK31, See you on 070)

1740. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-15 15:20:27 UTC
From: jdouglas@timewave.com
Message-ID: <3b7a91e6.175181452@news.minn.net>
Source record: 7978

On Wed, 15 Aug 2001 10:42:40 -0400, OldBiker <vito@xlink.net> wrote:

>I'd like to be able to access internet email via HF while traveling in
>our motorhome. So far all the info says I'll need an expensive ($350 -
>$1000) TNC to do so. Have any of y'awl done any experimenting with
>Pactor 1 or 2 via sound card on the net that provides email? I'm
>reasonably familiar with the internet, computers and radio but the combo
>is new to me.
>
>TIA and 73
>
>KA3DWW

You have discovered the "sad little secret" of the Microsoft Windows
architecture. With all the recent releases of WINDOWS 95/98/ME/NT and
on and on, the program does not have precise control of the com port
and thus is not able to implement PACTOR as a sound card TX/RX program
because of the strict timing requirements of the mode.

For Pactor folks TNCs will continue to be part of the system until
some one implements the Pactor protocal on a non windows PC.

John N ISL

1741. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-15 17:01:48 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B7AAAFB.FC0E9142@att.net>
Source record: 7979

And Pactor II is a proprietary protocol that is implemented in the PTC-IIe
TNC. It is unavailable in other configurations as I understand it.

On the other hand, MixW2 lists Pactor (I) as one of the modes it implements
. . . it is a Windows program.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John Douglas wrote:

> You have discovered the "sad little secret" of the Microsoft Windows
> architecture. With all the recent releases of WINDOWS 95/98/ME/NT and
> on and on, the program does not have precise control of the com port
> and thus is not able to implement PACTOR as a sound card TX/RX program
> because of the strict timing requirements of the mode.
>
> For Pactor folks TNCs will continue to be part of the system until
> some one implements the Pactor protocal on a non windows PC.

1742. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-15 21:56:01 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tnlrvolregqn71@corp.supernews.com>
Source record: 7980

> On the other hand, MixW2 lists Pactor (I) as one of the modes it
implements
> . . . it is a Windows program.
>

I believe the Pactor-I implementation is "receive only" in MixW2. To
my knowledge nobody has yet been able to implement Amtor or Pactor ARQ
modes in Windows due to the timing constraints. Receive is possible as
is FEC.

1743. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 04:44:53 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B7B4FC4.E61B49D5@att.net>
Source record: 7981

I think you are correct, Bob. I just got MixW installed last evening and have not had time to get to know much about it.

The program also lists Amtor as a mode so possible it is FEC reception only on both modes.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Bob Lewis (AA4PB)" wrote:
>
> > On the other hand, MixW2 lists Pactor (I) as one of the modes it
> implements
> > > . . . it is a Windows program.
> > >
>
> I believe the Pactor-I implementation is "receive only" in MixW2. To
> my knowledge nobody has yet been able to implement Amtor or Pactor ARQ
> modes in Windows due to the timing constraints. Receive is possible as
> is FEC.

1744. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 14:37:15 UTC
From: OldBiker <vito@xlink.net>
Message-ID: <3B7BDA9B.39023514@xlink.net>
Source record: 7982

Guess the consensus is Windoze won't permit it. Bad news but thanks much anyway; saved me a lot of wheel-spinning.

73 ka3dww

1745. linux & two hard drives

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 15:17:14 UTC
From: n0hqn@yahoo.com
Message-ID: <fef24296.0108160717.5721f062@posting.google.com>
Source record: 7983

Hi, all.....

Sorry if this is possibly off topic a little, but I'd like to use linux for ham radio applications as well as for general use. There is a growing catalog of linux apps for hams--psk31, logging, etc.

My question: I'm new to linux---have the software (Redhat ver7.0) and have 2 hard disks on my machine (1gig AMD, 256ram, etc), each 20gig. Haven't loaded the linux yet. I like the idea of confining each OS to it's own HD. Won't have to worry about re-partitioning, etc.

Has anyone done this? Do you use LILO to dual boot? How do you install this and how do you boot up, etc?

I know there are probably tutorials available.....Could anyone point me in the right direction?

Thanks !!

n0hqn Doug

1746. Re: linux & two hard drives

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 15:36:04 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9lgp94mtk0@216.39.171.5>
Source record: 7984

On 16 Aug 2001 08:17:14 -0700, Doug wrote:
> Hi, all.....
>
> Sorry if this is possibly off topic a little, but I'd like to use
> linux for ham radio applications as well as for general use. There is
> a growing catalog of linux apps for hams--psk31, logging, etc.
>
> My question: I'm new to linux---have the software (Redhat ver7.0) and
> have 2 hard disks on my machine (1gig AMD, 256ram, etc), each 20gig.
> Haven't loaded the linux yet. I like the idea of confining each OS to
> it's own HD. Won't have to worry about re-partitioning, etc.
>
> Has anyone done this? Do you use LILO to dual boot? How do you install
> this and how do you boot up, etc?
>
> I know there are probably tutorials available.....Could anyone point
> me in the right direction?

Easy to do. Assuming that your other OS is Windows, check this:

ftp://metalab.unc.edu/pub/Linux/docs/HOWTO/Linux+Windows-HOWTO

LILO will handle it nicely and comes with good documentation. Another
possibility is GRUB.

Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

1747. Re: linux & two hard drives

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 17:37:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9no17e.iao.nomail@linux.pe1chl.ampr.org>
Source record: 7985

Doug <n0hqn@yahoo.com> wrote:
>Hi, all.....

>Sorry if this is possibly off topic a little, but I'd like to use
>linux for ham radio applications as well as for general use. There is
>a growing catalog of linux apps for hams--psk31, logging, etc.

>My question: I'm new to linux---have the software (Redhat ver7.0) and
>have 2 hard disks on my machine (1gig AMD, 256ram, etc), each 20gig.
>Haven't loaded the linux yet. I like the idea of confining each OS to
>it's own HD. Won't have to worry about re-partitioning, etc.

>Has anyone done this? Do you use LILO to dual boot? How do you install
>this and how do you boot up, etc?

This is no problem, just connect the second disk and install the
system, specifying where you want to have it. Let it install LILO on the
first disk and tell it you want to boot the OS on that disk as well.

(I presume RedHat will guide you through the process about the same way as
SuSE does, it should show you what disks you have, how they are partitioned
now, and ask you where you want to put Linux)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1748. Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 19:24:11 UTC
From: "Donald E. Smith" <desmith@innercite.com>
Message-ID: <3B7C1DDB.53B4193B@innercite.com>
Source record: 7986
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

This is a warning notice to all in radio land about a test equipment company located in Auburn, KY. They are Auburn Metrological Labs at 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270 542-6000.

Based on information given to me by their General Manager, Ken Knowles, they would be able to repair my Cushman CE-50 that was having a receive problem. It generated fine and all pll were locking fine. They gave me an estimate of under $300.00 with a turnaround of about one week. I sent it to them for repair on February 24, 2001 based on this information. After a couple of months went by without even an acknowledgment of receiving it, I tried to contact them by telephone and email. Still I received no information on it and after numerous emails and a couple of letters, one being a legal demand letter, the unit showed up at my door with a 110.00 COD charge. After contacting the company I was advised that Ken Knowles was on vacation and the service manager was arrogant, rude and even hung up on me. If you value your equipment and it is in need of repairs or calibration, PLEASE do Not send it to them. You will regret it.

My options, against them, are not exhausted but I would rather have never had the problem to begin with. It has the tendency to taint all repair facilities. This outfit was recommended by a person from one of the amateur news groups. I hope I have prevented any grief for others by this post. Thanks for listening to my ranting. 73's Don Smith KB6GQA

1749. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 19:43:20 UTC
From: kenny vickers <kennyw@charter.net>
Message-ID: <3B7C2258.9A1DC093@charter.net>
Source record: 7987
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Was it repaired ?

"Donald E. Smith" wrote:

> This is a warning notice to all in radio land about a test equipment
> company located in Auburn, KY. They are Auburn Metrological Labs at
> 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270
> 542-6000.
>
> Based on information given to me by their General Manager, Ken Knowles,
> they would be able to repair my Cushman CE-50 that was having a receive
> problem. It generated fine and all pll were locking fine. They gave me
> an estimate of under $300.00 with a turnaround of about one week. I
> sent it to them for repair on February 24, 2001 based on this
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>
> My options, against them, are not exhausted but I would rather have
> never had the problem to begin with. It has the tendency to taint all
> repair facilities. This outfit was recommended by a person from one of
> the amateur news groups. I hope I have prevented any grief for others
> by this post. Thanks for listening to my ranting. 73's Don Smith
> KB6GQA

1750. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 19:54:35 UTC
From: Neville Y <scubadiver@bigfoot.com>
Message-ID: <lwVe7.4132$ww1.418085@news02.tsnz.net>
Source record: 7988
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Sorry Donald, I really do not understand your need to express your views here. As I read your post you paid $110 when they estimated "under $300". We have your side of the story and I do believe you version, but I think it is fair to have the other side. I am involved in servicing and while perhaps 95% of all repairs are straightforward, some do go wrong. I'm not really trying to give excuses, but some of the problems I have encountered include.
Leaving a message at the contact phone number regarding repair and they do not pass it on (they will never admit this later).
Wrong phone number supplied.

No response to phone calls (or message left). Please understand I may have 50 repairs at any one time and I can not call each client 5 times daily (work it out).
Email can be impossible. I often receive over 300 messages per day. How can I read or replay to them all and still have time to repair your radio?

I have also hung up on callers. Some can never see reason.
No doubt others have had bad servicing experiences, but many will have good ones. We will always hear the complaints.

Best Regards
Neville

"Donald E. Smith" <desmith@innercite.com> wrote in message news:3B7C1DDB.53B4193B@innercite.com...
> This is a warning notice to all in radio land about a test equipment
> company located in Auburn, KY. They are Auburn Metrological Labs at
> 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270
> 542-6000.
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> and a couple of letters, one being a legal demand letter, the unit
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> manager was arrogant, rude and even hung up on me. If you value your
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> send it to them. You will regret it.

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> My options, against them, are not exhausted but I would rather have
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> repair facilities. This outfit was recommended by a person from one of
> the amateur news groups. I hope I have prevented any grief for others
> by this post. Thanks for listening to my ranting. 73's Don Smith
> KB6GQA
>

1751. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 21:57:22 UTC
From: Chaos <chaos@no.spam.com>
Message-ID: <ejXe7.570$LI5.267883@news.uswest.net>
Source record: 7989
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Neville Y <scubadiver@bigfoot.com> wrote in message
news:lwVe7.4132$ww1.418085@news02.tsnz.net...
[snip]
>
> No response to phone calls (or message left). Please understand I may have
> 50 repairs at any one time and I can not call each client 5 times daily
> (work it out).
> Email can be impossible. I often receive over 300 messages per day. How can
> I read or replay to them all and still have time to repair your radio?
>
> I have also hung up on callers. Some can never see reason.
> No doubt others have had bad servicing experiences, but many will have good
> ones. We will always hear the complaints.
>
> Best Regards
> Neville

Dear Neville,

If you are as busy as you say, you owe it to your customers - and yourself - to hire help... if only office help, to keep open the lines of communications between you and your customers.

The key word here is *service*! To do this, you must be able to take a true interest in your customer's concerns, then make every effort to satisfy them. After all, you are in the business of offering a service - not a bad experience.

Methinks the service folks who have attitudes similar to yours_are_part of the problem; it's always the *other guy's* fault - never yours. Have you ever considered the possibility that_you_may be the one who is lacking reason? In any event, hanging up on a customer is as un-professional as you can get!

In the final analysis - when your service business fails - you will have no one to blame but yourself! I hope you come to your senses before that happens...

73 de Chaos

1752. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 22:19:23 UTC
From: Neville Y <scubadiver@bigfoot.com>
Message-ID: <gFXe7.4171$ww1.418873@news02.tsnz.net>
Source record: 7990
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Hi Chaos

Yes, I will happily do as you suggested, as long as you will accept twice my normal charges. No, I never suggested "other guy's* fault - never yours"
No I do not accept "In any event, hanging up on a customer is as un-professional as you can get!"
Would you like to work in my workshop for a week?
PS I have been is "business" for more than 30 years Have You?

Neville

"Chaos" <chaos@no.spam.com> wrote in message news:ejXe7.570$LI5.267883@news.uswest.net...
>
> Neville Y <scubadiver@bigfoot.com> wrote in message
> news:lwVe7.4132$ww1.418085@news02.tsnz.net...
> [snip]
> >
> > No response to phone calls (or message left). Please understand I may have
> > 50 repairs at any one time and I can not call each client 5 times daily
> > (work it out).
> > Email can be impossible. I often receive over 300 messages per day. How can
> > I read or replay to them all and still have time to repair your radio?
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> > I have also hung up on callers. Some can never see reason.
> > No doubt others have had bad servicing experiences, but many will have good
> > ones. We will always hear the complaints.
> >
> > Best Regards
> > Neville
>
> Dear Neville,
>
> If you are as busy as you say, you owe it to your customers - and yourself - to
> hire help... if only office help, to keep open the lines of communications
> between you and your customers.
>
> The key word here is *service*! To do this, you must be able to take a true

> interest in your customer's concerns, then make every effort to satisfy
them.
> After all, you are in the business of offering a service - not a bad
experience.
>
> Methinks the service folks who have attitudes similar to yours_are_part of
the
> problem; it's always the *other guy's* fault - never yours. Have you ever
> considered the possibility that_you_may be the one who is lacking reason?
In any
> event, hanging up on a customer is as un-professional as you can get!
>
> In the final analysis - when your service business fails - you will have
no one
> to blame but yourself! I hope you come to your senses before that
happens...
>
> 73 de Chaos
>
>
>
>
>

1753. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-16 23:21:23 UTC
From: Chaos <chaos@no.spam.com>
Message-ID: <ujZe7.653$LI5.327628@news.uswest.net>
Source record: 7991
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Neville Y <scubadiver@bigfoot.com> wrote in message
news:gFXe7.4171$ww1.418873@news02.tsnz.net...
> Hi Chaos
>
> Yes, I will happily do as you suggested, as long as you will accept twice my
> normal charges. No, I never suggested "other guy's* fault - never yours"
> No I do not accept "In any event, hanging up on a customer is as
> un-professional as you can get!"
> Would you like to work in my workshop for a week?
> PS I have been is "business" for more than 30 years Have You?
>
> Neville

Hello Neville,

Unfortunately, I cannot accept your justifications... obviously you either reside in a well populated area - else you would have run out of customers by now - or you exaggerate the time you've been in business... without any office help!

In no way would I work in someone's shop again... I moved past that 30 years ago when I went back to school for my degree. At that time I was the national service manager for a well known international corporation.

As far as my business background, it is extensive...

It's obvious you see nothing wrong with your business attitude, therefore I see no reason to continue this thread. Good Luck!

73 de Chaos

1754. Re: linux & two hard drives

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-17 06:11:12 UTC
From: Unclaimed Mysteries <k4doh@mindspring.com>
Message-ID: <9liclgmvo1@slb6.atl.mindspring.net>
Source record: 7992

"Doug" <n0hqn@yahoo.com> wrote in message
news:fef24296.0108160717.5721f062@posting.google.com...
> Hi, all.....
>
> Sorry if this is possibly off topic a little, but I'd like to use
> linux for ham radio applications as well as for general use. There is
> a growing catalog of linux apps for hams--psk31, logging, etc.
>
> My question: I'm new to linux---have the software (Redhat ver7.0) and
> have 2 hard disks on my machine (1gig AMD, 256ram, etc), each 20gig.
> Haven't loaded the linux yet. I like the idea of confining each OS to
> it's own HD. Won't have to worry about re-partitioning, etc.
>
> Has anyone done this? Do you use LILO to dual boot? How do you install
> this and how do you boot up, etc?
>
> I know there are probably tutorials available.....Could anyone point
> me in the right direction?
>
> Thanks !!

When you turn the machine power on, you will be given a choice of OS.

Two physical disks make the dual-boot life easier.

Pay close attention to the names of various devices and partitions. hda,
hdb, etc. That will give you more confidence when it comes to partitioning
your drives. I also use two separate disks on my desktop. This makes life
easier when Windows needs reinstalling, since I have one of those blasted
"restore" disks that will try to reformat an entire physical hard drive. My
laptop is living more dangerously, dual-boot with a single HD.

73 Corry K4DOH, getting into Huntsville Hamfest mode.
http://www.hamfest.org

--
It Came From C. L. Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net/

I can't wait for MS Smart Tags to return; then I can write stuff like:

"I hate Microsoft. Boy do I
hate Microsoft. I for one am tired
of their monopoly and will be
switching all my machines to Linux now.
With Linux I no longer have to pay the <a

href ="http://www.microsoft.com">Microsoft tax and can tell their
license enforcement henchmen to take a
hike."

1755. Tamara VERY SEXY 22 yr old single blonde babe

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-17 17:12:27 UTC
From: Keanu@obojad.gov
Message-ID: <le6zpb3frrekm5ntbd1k9awjcpldsl@4ax.com>
Source record: 7993

http://britneyvidz.20m.com
Download the latest Britney Spears sexy videos! You can get them for free at this webpage!
http://britneyvidz.20m.com

Who doesn't Winifred bind bimonthly? I annoy loud keyholes near the flat secret store, whilst Madeleine monthly substantiates them too. Just outwiting over a buillon at the data bus is too rough for Darcy to corrupt it. Other sharp junk discs will eliminate easily behind Pascals. Until Amber saves the scanners rigidly, Woody won't transport any stuck CERTs. It's very filthy today, I'll compile fully or Eve will engulf the newbies. What will we confront after Raoul learns the abysmal station's interrupt? If you'll buy Jim's CIA with llamas, it'll halfheartedly infect the analyst. The discarded dumb data havens partly preserve as the orthodox TCP/IPs dump. Catherine will generally disconnect about Ron when the cosmetic packages spool at the quiet SOCKS. Willy, have a worthwhile text. You won't dig it. While condors deeply consume admins, the tablets often disappear in back of the unclassified laptops.

1756. Flora Sweet petite young redhead

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-17 19:49:47 UTC
From: Judith@ypadev.edu
Message-ID: <piwjqvhh0wszxmgu4tsws6vacsp3kwp@4ax.com>
Source record: 7994

http://britneyvidz.20m.com
Download the latest Britney Spears sexy videos! You can get them for free at this webpage!
http://britneyvidz.20m.com

What will we get after Annabel types the official website's condor? Tell Rose it's dumb training in back of a newbie. I'd rather eat undoubtably than propagate with Marion's lower firewall. Edwin wants to stop bimonthly, unless Robette spools PERLs without Angela's buillon. If you will vexate George's market about noises, it will angrily jump the procedure. If the rough newsgroups can learn usably, the tall secure shell may prioritize more buffers. If you'll dig Joseph's watcher with ISDNs, it'll rigidly inflate the trackball. Go relay a analyst! As steadily as Marian floats, you can infect the gorilla much more superbly. Better contribute fax machines now or Angela will generally transport them to you. Orin will easily interface in back of Liz when the junk cryptographers take behind the ugly Net Bus. A lot of ignorant robust texts will deeply kill the tablets. It compiles, you format, yet Clint never partially binds without the mailbox. While JPEGs truly pump RAMs, the emails often fetch under the shiny rumours. Other unlimited solid iterations will flow halfheartedly over data havens.

1757. This scrumpcious blonde gal is hard to resist. Visit her today...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-17 19:53:29 UTC
From: Wadsworth@opoga.mil
Message-ID: <ztbdlg58ty3gsjznsxpzxxrzfxgjyf@4ax.com>
Source record: 7995

http://britneyvidz.20m.com
Download the latest Britney Spears sexy videos! You can get them for free at this webpage!
http://britneyvidz.20m.com

Who bursts finitely, when GiGi outwits the specialized laptop
over the SOCKS? If the weird firewalls can locate partially, the
bronze ActiveX may preserve more articles. Go learn a thought!
Anastasia propagates, then Jessica slowly inflates a untamed
PERL beneath Neil's website. Occasionally Excelsior will dig the
gorilla, and if Martin rigidly washs it too, the credit card will
vend with the opaque field. To be idle or orthodox will smile
idiotic stacks to finally corrupt. Where doesn't Jonathan connect
wastefully? We amazingly exclude for erect sharp sneakers.
When will we load after Richard gets the retarded tape's procedure? Otherwise the
backdoor in GiGi's UDP might question some rough routers. What did
Pete take the connector inside the major interrupt? It moans, you
disappear, yet Ratana never weekly annoys under the database. I'd rather
save usably than prioritize with Chris's extreme ethernet.

1758. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 02:19:09 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tnrk43r6037m88@corp.supernews.com>
Source record: 7996
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Neville,

I think you miss the point. If the person doing the service quotes that the work will be done in a week or whatever, then misses it by a factor of 10, then the person did not live up to the agreement. The man's point is correct, you are in a service business. Deliver the service that you commit. If you tell people if will take months at half the price, then so be it if that is what they accept. No one appreciates a commitment that cannot or is not, delivered. And yes, in some cases, I would pay more to receive good service. Poor service at half the price is no deal in my book.

JMHO

"Neville Y" <scubadiver@bigfoot.com> wrote in message
news:gFXe7.4171$ww1.418873@news02.tsnz.net...
> Hi Chaos
>
> Yes, I will happily do as you suggested, as long as you will accept twice
my
> normal charges. No, I never suggested "other guy's* fault - never yours"
> No I do not accept "In any event, hanging up on a customer is as
> un-professional as you can get!"
> Would you like to work in my workshop for a week?
> PS I have been is "business" for more than 30 years Have You?
>
> Neville
>
>
> "Chaos" <chaos@no.spam.com> wrote in message
> news:ejXe7.570$LI5.267883@news.uswest.net...
> >
> > Neville Y <scubadiver@bigfoot.com> wrote in message
> > news:lwVe7.4132$ww1.418085@news02.tsnz.net...
> > [snip]
> > >
> > > No response to phone calls (or message left). Please understand I may
> have
> > > 50 repairs at any one time and I can not call each client 5 times
daily
> > > (work it out).
> > > Email can be impossible. I often receive over 300 messages per day.
How
> can

> > > I read or replay to them all and still have time to repair your radio?
> > >
> > > I have also hung up on callers. Some can never see reason.
> > > No doubt others have had bad servicing experiences, but many will have
> good
> > > ones. We will always hear the complaints.
> > >
> > > Best Regards
> > > Neville
> >
> > Dear Neville,
> >
> > If you are as busy as you say, you owe it to your customers - and
> yourself - to
> > hire help... if only office help, to keep open the lines of
communications
> > between you and your customers.
> >
> > The key word here is *service*! To do this, you must be able to take a
> true
> > interest in your customer's concerns, then make every effort to satisfy
> them.
> > After all, you are in the business of offering a service - not a bad
> experience.
> >
> > Methinks the service folks who have attitudes similar to yours_are_part
of
> the
> > problem; it's always the *other guy's* fault - never yours. Have you
ever
> > considered the possibility that_you_may be the one who is lacking
reason?
> In any
> > event, hanging up on a customer is as un-professional as you can get!
> >
> > In the final analysis - when your service business fails - you will have
> no one
> > to blame but yourself! I hope you come to your senses before that
> happens...
> >
> > 73 de Chaos
> >
> >
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>
>

1759. Re: Pactor email (Airmail) via sound card?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 02:21:16 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <hkkf7.53856$TW.276713@tor-nn1.netcom.ca>
Source record: 7997

If you don't mind booting to DOS, you can use RITTY version 2.38 for PACTOR 1 using a sound card. It is a great program but you need a TRUE Sound Blaster card (no clones). Since it runs under DOS, there aren't any timing problems.

It is my understanding that Brain K6STI still sells licences to version 2.38 of RITTY. (The later versions only support RTTY).

73's
Rob

"OldBiker" <vito@xlink.net> wrote in message
news:3B7BDA9B.39023514@xlink.net...
> Guess the consensus is Windoze won't permit it. Bad news but thanks much
> anyway; saved me a lot of wheel-spinning.
>
> 73 ka3dww

1760. FlexNet? (was Re: This scrumpcious blonde gal is hard to resist. Visit her today...)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 05:52:45 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B7E02A7.6080108@dioxine.com>
Source record: 7998

Wonder if she runs FlexNet... Charles?

Heh. I just love unintentional reality checks.

Dana K6JQ (Extra Classic)
dana@dioxine.com

Wadsworth@opoga.mil wrote:

>http://britneyvidz.20m.com
>Download the latest Britney Spears sexy videos! You can get them for free at this webpage!
>http://britneyvidz.20m.com
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>Who bursts finitely, when GiGi outwits the specialized laptop
>over the SOCKS? If the weird firewalls can locate partially, the
>bronze ActiveX may preserve more articles. Go learn a thought!
>Anastasia propagates, then Jessica slowly inflates a untamed
>PERL beneath Neil's website. Occasionally Excelsior will dig the
>gorilla, and if Martin rigidly washs it too, the credit card will
>vend with the opaque field. To be idle or orthodox will smile
>idiotic stacks to finally corrupt. Where doesn't Jonathan connect
>wastefully? We amazingly exclude for erect sharp sneakers.
>When will we load after Richard gets the retarded tape's procedure? Otherwise the
>backdoor in GiGi's UDP might question some rough routers. What did
>Pete take the connector inside the major interrupt? It moans, you
>disappear, yet Ratana never weekly annoys under the database. I'd rather
>save usably than prioritize with Chris's extreme ethernet.
>
>
>

1761. CwType 1.10 is released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 09:39:41 UTC
From: amx2@dxsoft.com
Message-ID: <3b7e37be.23007296@news.cis.dfn.de>
Source record: 7999

Hello, All!

CwType 1.10 was published at http://www.dxsoft.com and

http://www.hamport.com

It is the terminal program for CW-operators. You can transmit both
from the keyboard and from the paddle connected to a joystick or LPT
connector. While operating in paddle iambic mode sending (the memory
of a unit of the symbol) is possible. The handle of the transceiver
(PTT and CW keying) is made through one of the COM- or LPT-ports. Can
cooperate with RZ4AG AALog logger. Freeware.

CwType Versions History

V1.10
A bug was fixed. ~[rx] , `[rx] and `[pa] macrosequences didn't
work when "User-defined Charset" option was selected.
The "Setup->Beacon Off at Paddle Press" option was made.
CwType can get data from another software to transmit now.
Data exchange can be made by DXSOFTEX.DLL library.
See http://www.dxsoft.com/dxs-exch.zip for details.
V1.05
A minor bug was fixed. The program did not restored saved speed when
inter-letter space was not equal three.
The "Setup->OnTop" menu item is used in place of "OnTop" button now.
The "Setup->Iambic Mode" menu item is used in place of "OnTop" button
now.
New "Beacon" button switch on beacon mode now. In this mode Alt-F12
macro
is executed periodically. The period is defined by the regulator on
the left
of the "Beacon" button. The shortcuts for "Beacon" button are Alt-B
and
Ctrl-B. The macrosequences ~[bon] and `[bon] switch beacon mode on,
the macrosequences ~[boff] and `[boff] switch beacon mode off.
The macrosequences ~[lsN] and `[lsN] can be used to select
inter-letter space
now. There N is desured space in dots.
V1.04
User can select charset of transmitted symbols now.
User-defined charset can be used also ("Setup->User-defined
Charset").
In this case charset is defined by simple text file.
See example in SAMPLE.CWT file.
When the "TX On at keyboard press" MOX option is enabled, a

transmitter is
switched on if at least two symbols was entered.
[...]

WBR,
Sergei

Windows HAM radio software at http://www.dxsoft.com

1762. WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 13:55:34 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tnsstq61tn9ab0@corp.supernews.com>
Source record: 8000

Does anyone know of any WinAPRS documentation that may have been written by a thrid party and not the authors? I find the documentation written by the software authors to be rather poor. If anyone knows of another source, I would appreciate it.

Thanks!

1763. Re: SkySweep

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 15:07:53 UTC
From: Worez_Magic <worez_magic-del-@hotmail.com>
Message-ID: <dxvf7.18662$K17.7471835@ratbert.tds.net>
Source record: 7801

Thanks Arto,

I'll be sure to check this out.. I haven't looked, but the only major change in the 2.4 was the addition of the chat mode? I may be all wrong here, but I guess I'll find out when I download it...

Do they require you to purchase the upgrades, or are the free for some time period?

Arto Peltomaki <artsi@estla.pp.fi> wrote in message news:95Sd7.2074$q4.44835@news.kpnqwest.fi...
>
>
> Worez_Magic <worez_magic-del-@hotmail.com> wrote in message
> news:MlEd7.4560$K17.5955041@ratbert.tds.net...
> > Anyone used the registered version of SkySweep? I downloaded the demo,
> and
> > it looks good, but would like some idea of how it works in the real
> world...
> >
> > See at: http://www.skysweep.com/
> >
> >
>
> I have been registered user since 2.0 and used it daily.
> The decoders and visualisation are top class and the RX/TX user interface
> also improved a lot in this latest release supporting macros etc.
> Also there has been new modes and functionality regularly in their new
> releases (typically between 3-4 months)
>
> Anyway, you can try their previous release 2.3 (found also their web site
> http://www.skysweep.com/download_frame.htm) for 10 minutes in demo mode
(all
> functionality except new 2.4 functionality) just to check how it works.
>
> -artsi
>
>
>

1764. APRS and ISS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-18 16:27:07 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tnt5pud70cg43c@corp.supernews.com>
Source record: 7802

I am on v 2.5.1 of WinAPRS. How do you set this up correctly for the ISS? It says that "space mode" is for "MIR testing". How do I set it up for the ISS and it's "NOCALL"?

Thanks,

Duffy

1765. Creating a vhf DSC radio transmitter and modulation help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-19 18:39:31 UTC
From: dangonsrage_SPAMLESS_@gmx.net
Message-ID: <1103_998246371@oemcomputer>
Source record: 7803

Hello All,

I am trying to create a homemade vhf Digital Selective Calling
(DSC) transmitter (this is used as an distress alert feature on vhf
radios that ships at sea use) that will read a static message in
memory and transmit it. Below is the text from the ITU
recomendation that describes the modulating process. (the complete
text can be found at http://www.gmdss.com.au/dscspec.htm)

----------ITU recommendation----------------------

1.3.2 Frequency modulation with a pre-emphasis of
6ï¿½dB/octave (phase modulation) with frequency-shift of the
modulating sub-carrier for
use on VHF channels:

1. frequency-shift between 1 300 and 2 100 Hz; the sub-carrier
being at 1 700 Hz;

2. the frequency tolerance of the 1 300 and 2 100 Hz tones isï¿½10
Hz;

3. the modulation rate is 1 200 Bd;

4. the index of modulation is 2.0 ï¿½ 10%.

This makes very little sense to me and if someone could post
something or point me in the direction of a better description it
would be appreciated. A website or book on frequency modulation and
creating waveforms like the ones described above would be great.
Also advice on Integrated Circuits (modem chipsets?) that would
achieve the above would be appreciated

1766. Re: Creating a vhf DSC radio transmitter and modulation help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-19 19:34:01 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3B8014A7.FC908222@att.net>
Source record: 7804

With all due respect, if the material you quoted "makes very little sense" then you are in a world of hurt trying to develop the transmitter.

I would suggest that you either place this project with someone with the required engineering background or that you plan to hit the books for some time to come and get up to speed on frequency modulation.There is semi-infinite resource in this area in the technical literature. I suggest a visit to the public library.

Sorry to sound negative, but this is sorta like asking how to build a car and wondering what a wheel is . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

dangonsrage_SPAMLESS_@gmx.net wrote:
>
> Hello All,
>
> I am trying to create a homemade vhf Digital Selective Calling
> (DSC) transmitter (this is used as an distress alert feature on vhf
> radios that ships at sea use) that will read a static message in
> memory and transmit it. Below is the text from the ITU
> recomendation that describes the modulating process. (the complete
> text can be found at http://www.gmdss.com.au/dscspec.htm)
>
> ----------ITU recommendation----------------------
>
> 1.3.2 Frequency modulation with a pre-emphasis of
> 6 dB/octave (phase modulation) with frequency-shift of the
> modulating sub-carrier for
> use on VHF channels:
>
> 1. frequency-shift between 1 300 and 2 100 Hz; the sub-carrier
> being at 1 700 Hz;
>
> 2. the frequency tolerance of the 1 300 and 2 100 Hz tones isï¿½10
> Hz;
>
> 3. the modulation rate is 1 200 Bd;
>
> 4. the index of modulation is 2.0 ï¿½ 10%.
>

> ----------
>
> This makes very little sense to me and if someone could post
> something or point me in the direction of a better description it
> would be appreciated. A website or book on frequency modulation and
> creating waveforms like the ones described above would be great.
> Also advice on Integrated Circuits (modem chipsets?) that would
> achieve the above would be appreciated

1767. ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 02:15:36 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <to0slbcnr46oad@corp.supernews.com>
Source record: 7805

Hi,

I was the high bidder for the following four items:

MICRO TRAINS #100120 (4011) HERSHEYS HUGS - $17.99
Item # 1626641052

MICRO TRAINS #100090 (2000) MTL HOLIDAY CAR - $15.69
Item # 1627463495

MICRO TRAINS #69100 (6903) HOLIDAY PEPSI CAR - $16.50
Item # 1627466038

MICRO TRAINS #59560 (2000) MTL HOLIDAY CAR - $13.49
Item # 1627470007

Sub-Total $63.67
Shipping $ 6.00

Total $69.67

I can pay via Paypal, Billpoint or personal check. If you select the personal check, I understand if you want to hold shipment until the check clears. Please provide me an address to mail the check.

Thanks,

Duffy

1768. Re: ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 04:44:57 UTC
From: Dick Hughes <rhughes33@cableone.net>
Message-ID: <nc51ot46mv6d2eameik7iuj9njfj4j38p5@4ax.com>
Source record: 7806

I think you pushed the wrong button Duffy. You ended up on Usenet
with worldwide coverage. :-)

Dick

On Sun, 19 Aug 2001 22:15:36 -0400, "J. Duffy Beischel"
<duffyb01@fuse.net> wrote:

>Hi,
>
>I was the high bidder for the following four items:
>
>MICRO TRAINS #100120 (4011) HERSHEYS HUGS - $17.99
>Item # 1626641052
>
>MICRO TRAINS #100090 (2000) MTL HOLIDAY CAR - $15.69
>Item # 1627463495
>
>MICRO TRAINS #69100 (6903) HOLIDAY PEPSI CAR - $16.50
>Item # 1627466038
>
>MICRO TRAINS #59560 (2000) MTL HOLIDAY CAR - $13.49
>Item # 1627470007
>
>Sub-Total $63.67
>Shipping $ 6.00
>
>Total $69.67
>
>I can pay via Paypal, Billpoint or personal check. If you select the
>personal check, I understand if you want to hold shipment until the check
>clears. Please provide me an address to mail the check.
>
>Thanks,
>
>Duffy
>
>
>
>
>
>
>

1769. Re: ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 11:55:59 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <to1ulipp05jldf@corp.supernews.com>
Source record: 7807

Yup, I sure did. Noticed I did that right after the message was sent. Did a message cancel, but who knows if that really ever works. Sorry that all the hams had to read about my other hobby, collecting N scale model train cars.

"Dick Hughes" <rhughes33@cableone.net> wrote in message news:nc51ot46mv6d2eameik7iuj9njfj4j38p5@4ax.com...
> I think you pushed the wrong button Duffy. You ended up on Usenet
> with worldwide coverage. :-)
>
> Dick
>
> On Sun, 19 Aug 2001 22:15:36 -0400, "J. Duffy Beischel"
> <duffyb01@fuse.net> wrote:
>
> >Hi,
> >
> >I was the high bidder for the following four items:
> >
> >MICRO TRAINS #100120 (4011) HERSHEYS HUGS - $17.99
> >Item # 1626641052
> >
> >MICRO TRAINS #100090 (2000) MTL HOLIDAY CAR - $15.69
> >Item # 1627463495
> >
> >MICRO TRAINS #69100 (6903) HOLIDAY PEPSI CAR - $16.50
> >Item # 1627466038
> >
> >MICRO TRAINS #59560 (2000) MTL HOLIDAY CAR - $13.49
> >Item # 1627470007
> >
> >Sub-Total $63.67
> >Shipping $ 6.00
> >
> >Total $69.67
> >
> >I can pay via Paypal, Billpoint or personal check. If you select the
> >personal check, I understand if you want to hold shipment until the check
> >clears. Please provide me an address to mail the check.
> >
> >Thanks,
> >
> >Duffy
> >

> >
> >
> >
> >
> >
> >
>

1770. Re: ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 14:37:23 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <Dg9g7.41617$c8.15491788@news1.denver1.co.home.com>
Source record: 7808

The least you could have done, was give us your DOB, SSN,
and credit card info... :-)

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
news:to1ulipp05jldf@corp.supernews.com...
> Yup, I sure did. Noticed I did that right after the message was sent. Did
> a message cancel, but who knows if that really ever works. Sorry that all
> the hams had to read about my other hobby, collecting N scale model train
> cars.

1771. FS: Kenwood TS-50 HF Rig & AT-50 Antenna Tuner

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 18:01:29 UTC
From: Greg <love_in_tx@hotmail.com>
Message-ID: <Zfcg7.57761$MC1.19675474@news1.elcjn1.sdca.home.com>
Source record: 7809

I am selling my TS-50 and AT-50 witch bouth on a scale from (1) to (10) they
are a (9 1/2) They have never been mobil and I am a none smoker as well so
they are VERY CLEAN !... I am asking $700.00 OBO The wife
said I must sell them I want my new Rig, I hate to do it but thay must go
:o(Email me bugabass@home.net if you would like to see a pic if the units.

73

1772. Re: SkySweep

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 18:14:39 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <jscg7.2473$q4.59128@news.kpnqwest.fi>
Source record: 7810

The upgrades are free for the registered users.
They said there will be soon next version including other new modes (MFSK16,
PACTOR and some other perhaps..?)

-artsi

Worez_Magic <worez_magic-del-@hotmail.com> wrote in message
news:dxvf7.18662$K17.7471835@ratbert.tds.net...
> Thanks Arto,
>
> I'll be sure to check this out.. I haven't looked, but the only major
> change in the 2.4 was the addition of the chat mode? I may be all wrong
> here, but I guess I'll find out when I download it...
>
> Do they require you to purchase the upgrades, or are the free for some
time
> period?
>
>
> Arto Peltomaki <artsi@estla.pp.fi> wrote in message
> news:95Sd7.2074$q4.44835@news.kpnqwest.fi...
> >
> >
> > Worez_Magic <worez_magic-del-@hotmail.com> wrote in message
> > news:MlEd7.4560$K17.5955041@ratbert.tds.net...
> > > Anyone used the registered version of SkySweep? I downloaded the
demo,
> > and
> > > it looks good, but would like some idea of how it works in the real
> > world...
> > >
> > > See at: http://www.skysweep.com/
> > >
> > >
> >
> > I have been registered user since 2.0 and used it daily.
> > The decoders and visualisation are top class and the RX/TX user
interface
> > also improved a lot in this latest release supporting macros etc.
> > Also there has been new modes and functionality regularly in their new
> > releases (typically between 3-4 months)
> >
> > Anyway, you can try their previous release 2.3 (found also their web
site
> > http://www.skysweep.com/download_frame.htm) for 10 minutes in demo mode

> (all
> > functionality except new 2.4 functionality) just to check how it works.
> >
> > -artsi
> >
> >
> >
>
>

1773. Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 21:46:48 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.15eb4f4f9a0be4569896ce@news.monmouth.com>
Source record: 7811

Does anyone know of a shareware version of PC Pakratt for Windows? This is the software used to run the old AEA PK232-MBX multimode processor. Not interested in going the EBAY route to try and get a copy of the original. Not that I have anything against AEA's software, I just don't like EBAY.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1774. Re: ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 21:57:20 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <to31t47ou30c88@corp.supernews.com>
Source record: 7812

Now that would be a great one to explain to the bank..."I pressed the wrong button on Outlook..."

"Bob White" <bobwhite50@home.com> wrote in message news:Dg9g7.41617$c8.15491788@news1.denver1.co.home.com...
> The least you could have done, was give us your DOB, SSN,
> and credit card info... :-)
>
> "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:to1ulipp05jldf@corp.supernews.com...
> > Yup, I sure did. Noticed I did that right after the message was sent. Did
> > a message cancel, but who knows if that really ever works. Sorry that all
> > the hams had to read about my other hobby, collecting N scale model train
> > cars.
>
>
>

1775. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-20 22:40:02 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <to34ej1eq7jv1a@corp.supernews.com>
Source record: 7813

Jack,

PcPakRatt is a commercal program, not shareware, which we (CSS) bought the rights to in March 1999. It's Copyrighted by us now. In June 2001, we discontinued sales and support of due to Microsoft ending support on DOS, Windows 3.1 and Windows 95 on December 31, 2001.

The current 32 bit software for the PK-232 is PkTerm '99. It's a true Windows 32 bit program written in C++. You can download the demo of it from http://www.cssincorp.com/pkterm. You'll need to have firmware of 12/93 or greater for it to work best.

PkTerm '99 will also support PSK-31 with Timewave's new PK-232/PSK interface.

Rick - W4PC

"Jack" <jackn2mpu@monmouth.com> wrote in message news:MPG.15eb4f4f9a0be4569896ce@news.monmouth.com...
> Does anyone know of a shareware version of PC Pakratt for Windows? This
> is the software used to run the old AEA PK232-MBX multimode processor.
> Not interested in going the EBAY route to try and get a copy of the
> original. Not that I have anything against AEA's software, I just don't
> like EBAY.
> --
> de N2MPU Jack FN20
> Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
> Proud NRA member
> You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1776. Problems with yr901

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-21 08:47:35 UTC
From: Jochen Cichon <joschi@vizzavi.net>
Message-ID: <9lt7g8em1@newsread2.nexgo.de>
Source record: 7814

Hi,

my yr901 does... nothing well.

I've connected it to my TRX (ft 902) and my TV
but I only see a screen full of '@' chars. ;(

Does anyone knows what might happend? Maybe the EProm is screwed up? (does anyone can send me the code? so i can do a new one?)
Or does anyone have some similar problem?

Tnx. Jochen (dh1jc)

Never testet the yr901. Got that just one week before...

1777. Re: ebay - four cars purchased

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-21 10:22:46 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9o4djm.142.nomail@linux.pe1chl.ampr.org>
Source record: 7815

J. Duffy Beischel <duffyb01@fuse.net> wrote:
>Now that would be a great one to explain to the bank..."I pressed the wrong
>button on Outlook..."

Outlook must be well underway to become the piece of software causing the
most actual financial damage. To persons, companies and the public.

Any idea how much it has rung up until now?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1778. WTB - SARtek-1 Universal Antenna Rotor Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-21 17:18:45 UTC
From: "K.W. Schang" <w8lu@semdxa.org>
Message-ID: <MPG.15ec61e84e2d3da8989687@news.mw.mediaone.net>
Source record: 7816
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment

```
WTB - SARtek-1 Universal Antenna Rotor Interface.

tnx es 73 de Ken, W8LU/DL7FLU
```

1779. FS: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-22 01:44:38 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <0k36otstpvsl5gcsvqfpiuhnv478ld5842@4ax.com>
Source record: 7817
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1780. Re: PSK31 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-22 10:11:53 UTC
From: KC1DI <elbc@pivot.net>
Message-ID: <3b838320$1_4@corp.newsgroups.com>
Source record: 7818

I'd Go with the Rigblaster It's a good rugged Interface comes with software
also..
Or Digipan's interface it great too..

Take a look at
http://www.westmountainradio.com/
&
http://members.home.com/hteller/digipan/

73 Dave KC1DI // always qrp

"Larry Lehmann" <larryl@nebi.com> wrote in message
news:3B75E417.98C311EF@nebi.com...
> What brand of interface is the best for PSK31 and all the other
> modes?
>
> Tnx
>
> KC0DA
>

-----= Posted via Newsfeeds.Com, Uncensored Usenet News =-----
http://www.newsfeeds.com - The #1 Newsgroup Service in the World!
-----== Over 80,000 Newsgroups - 16 Different Servers! =-----

1781. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-22 23:07:52 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.15ee053915be64ba9896d0@news.monmouth.com>
Source record: 7819

In article <to34ej1eq7jv1a@corp.supernews.com>, ricker@cssincorp.com
says...
> Jack,
>
> PcPakRatt is a commercal program, not shareware, which we (CSS) bought the
> rights to in March 1999. It's Copyrighted by us now. In June 2001, we
> discontinued sales and support of due to Microsoft ending support on DOS,
> Windows 3.1 and Windows 95 on December 31, 2001.
>
> The current 32 bit software for the PK-232 is PkTerm '99. It's a true
> Windows 32 bit program written in C++. You can download the demo of it from
> http://www.cssincorp.com/pkterm. You'll need to have firmware of 12/93 or
> greater for it to work best.

I KNOW PcPakratt is NOT shareware. What I was looking for was shareware
software that works LIKE PCPakratt. Have no intentions of stepping on
your copyright.
I don't feel like changing my eproms in my old PK232MBX at around $60 a
pop just to run some software. My eproms are circa 1991. I've made good
use of the shareware concept, using and paying for stuff that far
outstrips commercial software in usability.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1782. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-22 23:10:28 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.15ee05f0e0423e169896d1@news.monmouth.com>
Source record: 7820

To the person (bla@bla.com) that tried to send me an unsolicited copy
of this program, please get in touch with me via a legitimate email
address. The bla@bla.com email address bounces. Do NOT resend me the
file!
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1783. AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-22 23:11:57 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <1%Wg7.173$xi.66425@news7.onvoy.net>
Source record: 7821

I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router, however I have been unable to direct my NetGear RT311 to route it. AX/IP (IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is a recognized IP protocol, its quite rare among internet users.

The NetGear RT311 provides means to route IP Protocol such as 6 (TCP) and 17 (UDP) to specific LAN addresses, I can't see any way to get to do the same for IP Protocol 93 (AX/IP).

Since there must be a dozen low cost home routers on the market does anyone here have one for which they have succeeded in providing WAN access to an AX/IP sever on their LAN?

I should note that if BPQ issues a connect, i.e. an outbound packet, then the router will allow replies. However incomming unsolicited AX/IP packets are blocked.

Ron N5IN

1784. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 03:26:36 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <uF_g7.106414$rV6.5435102@e420r-atl2.usenetserver.com>
Source record: 7822

Jack,

In your previous message you said:

"Does anyone know of a shareware version of PC Pakratt for Windows? "

This would make one assume that you wanted a copy of the product, since you
didn't use the word 'like'. No offense was meant at all.

I would hope you'd want to upgrade your TNC to the latest stuff. Not only
does it give you support products, but helps the companies innovate and
create new products in the future. :)

best

Rick - W4PC

"Jack" <jackn2mpu@monmouth.com> wrote in message
news:MPG.15ee053915be64ba9896d0@news.monmouth.com...
> In article <to34ej1eq7jv1a@corp.supernews.com>, ricker@cssincorp.com
> says...
> > Jack,
> >
> > PcPakRatt is a commercal program, not shareware, which we (CSS) bought
the
> > rights to in March 1999. It's Copyrighted by us now. In June 2001, we
> > discontinued sales and support of due to Microsoft ending support on
DOS,
> > Windows 3.1 and Windows 95 on December 31, 2001.
> >
> > The current 32 bit software for the PK-232 is PkTerm '99. It's a true
> > Windows 32 bit program written in C++. You can download the demo of it
from
> > http://www.cssincorp.com/pkterm. You'll need to have firmware of 12/93
or
> > greater for it to work best.
>
> I KNOW PcPakratt is NOT shareware. What I was looking for was shareware
> software that works LIKE PCPakratt. Have no intentions of stepping on
> your copyright.
> I don't feel like changing my eproms in my old PK232MBX at around $60 a
> pop just to run some software. My eproms are circa 1991. I've made good
> use of the shareware concept, using and paying for stuff that far
> outstrips commercial software in usability.
> --
> de N2MPU Jack FN20

> Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
> Proud NRA member
> You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1785. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 05:44:01 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <9m257a$lj5$1@uranium.btinternet.com>
Source record: 7823

How about XPWin?

http://www.goodnet.com/~gjohnson/

HTH,

Roger, G3VKM

Jack <jackn2mpu@monmouth.com> wrote in message
news:MPG.15eb4f4f9a0be4569896ce@news.monmouth.com...
> Does anyone know of a shareware version of PC Pakratt for Windows? This
> is the software used to run the old AEA PK232-MBX multimode processor.
> Not interested in going the EBAY route to try and get a copy of the
> original. Not that I have anything against AEA's software, I just don't
> like EBAY.
> --
> de N2MPU Jack FN20
> Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
> Proud NRA member
> You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1786. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 06:43:10 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9o99fu.p3u.nomail@linux.pe1chl.ampr.org>
Source record: 7824

Ron <no-spam@nospamX.com> wrote:
>I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router,
>however I have been unable to direct my NetGear RT311 to route it. AX/IP
>(IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is a
>recognized IP protocol, its quite rare among internet users.

>The NetGear RT311 provides means to route IP Protocol such as 6 (TCP) and 17
>(UDP) to specific LAN addresses, I can't see any way to get to do the same
>for IP Protocol 93 (AX/IP).

>Since there must be a dozen low cost home routers on the market does anyone
>here have one for which they have succeeded in providing WAN access to an
>AX/IP sever on their LAN?

>I should note that if BPQ issues a connect, i.e. an outbound packet, then
>the router will allow replies. However incomming unsolicited AX/IP packets
>are blocked.

>Ron N5IN

You are probably talking about many-to-one NAPT. (Network Address and Port
Translation)

The router is translating TCP and UDP packets, by changing the IP address
of the outgoing packet from the original into your public Internet address.
At the same time it changes the port number. It puts the original address,
original port number, and newly assigned portnumber into a table. When a
packet comes into your router, it checks the destination port, does a
lookup in the table, and changes it into the original address and port.
The table is dynamic: it is built when the router sees outgoing traffic,
used when handling incoming traffic, and flushed by "not recently used"
timers in each entry.

This is only possible because TCP and UDP have two address entities: the IP
address and the port number. So within your single IP address, the port
number can be varied to play this trick.

When using other protocols, that the router does not know about or that do
not have this port number, this trick is not possible. Many-to-one
operation is not possible in that case.

So, what you want would not be possible in general, but could be made to
work when you can live with having only a single system on the network
talking that specific protocol. A fixed entry could then be added to
the table that forwards all traffic for protocol 93 (or all traffic for all
nonrecognized protocols) to a hardwired address on your LAN.

Note that you should not try that using commands that are advertised to
do "port mappings", e.g. to send SMTP or HTTP traffic to a host. These are
not ports. There should be a separate command or syntax to map a protocol,
without specifying a port (which that protocol does not have).

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1787. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 12:43:57 UTC
From: paul harris <paul@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC80A5E6A19@www.premiersi.com>
Source record: 7825

You can't. AX.25 does not incorporate routing information. It is a
point-to-point protocol. As such, it "lives" in layers 4-7 of the OSI model
(below the network and transport layers. AX/IP means "AX.25 over IP", i.e.,
using IP as the transport layer. Thus, you need software at either end of
the IP "pipe" to communicate.

In other words, AX.25 tunnels.

"Protocol" does not imply "routable". Another common example of this is
NetBEUI.

"Ron" <no-spam@nospamX.com> wrote in message
news:1%Wg7.173$xi.66425@news7.onvoy.net...
> I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router,
> however I have been unable to direct my NetGear RT311 to route it. AX/IP
> (IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is a
> recognized IP protocol, its quite rare among internet users.
>
> The NetGear RT311 provides means to route IP Protocol such as 6 (TCP) and
17
> (UDP) to specific LAN addresses, I can't see any way to get to do the same
> for IP Protocol 93 (AX/IP).
>
> Since there must be a dozen low cost home routers on the market does
anyone
> here have one for which they have succeeded in providing WAN access to an
> AX/IP sever on their LAN?
>
> I should note that if BPQ issues a connect, i.e. an outbound packet, then
> the router will allow replies. However incomming unsolicited AX/IP
packets
> are blocked.
>
> Ron N5IN
>

1788. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 17:36:45 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <Nabh7.211$xi.76726@news7.onvoy.net>
Source record: 7826

But all I am asking is that when the router receives an IP Protocol 93
packet that it routes it to a single machine on the LAN. Perhaps that is
why you mean by tunnels.

Its entirely possible, perhaps likely, that home routers simply were not
designed to do this simple, but rarely needed, thing. In all the manuals
for the various home routers that I have located on the internet, all appear
to expect the server hosted on the LAN to be TCP or UDP.

The only exception is I have noted that the LinkSys, which I don't have, but
might be able to dig up, has something called DMZ hosting which the manual
implies exposes one machine on the LAN to all incomming packets the router
can't identify as responses other machines on the LAN are awaiting. But in
the description of DMZ it states that it forwards 'all ports for one PC
simultaneously', implying that only the protocols using port numbers might
actually be handled.

Ron N5IN

"paul harris" <paul@sandwitch.org> wrote in message
news:4A8A59F2BDCDD311BFC800508BA36AC80A5E6A19@www.premiersi.com...
> You can't. AX.25 does not incorporate routing information. It is a
> point-to-point protocol. As such, it "lives" in layers 4-7 of the OSI
model
> (below the network and transport layers. AX/IP means "AX.25 over IP",
i.e.,
> using IP as the transport layer. Thus, you need software at either end of
> the IP "pipe" to communicate.
>
> In other words, AX.25 tunnels.
>
> "Protocol" does not imply "routable". Another common example of this is
> NetBEUI.
>
> "Ron" <no-spam@nospamX.com> wrote in message
> news:1%Wg7.173$xi.66425@news7.onvoy.net...
> > I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router,
> > however I have been unable to direct my NetGear RT311 to route it.
AX/IP
> > (IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is
a
> > recognized IP protocol, its quite rare among internet users.
> >
> > The NetGear RT311 provides means to route IP Protocol such as 6 (TCP)
and

> 17
> > (UDP) to specific LAN addresses, I can't see any way to get to do the
same
> > for IP Protocol 93 (AX/IP).
> >
> > Since there must be a dozen low cost home routers on the market does
> anyone
> > here have one for which they have succeeded in providing WAN access to
an
> > AX/IP sever on their LAN?
> >
> > I should note that if BPQ issues a connect, i.e. an outbound packet,
then
> > the router will allow replies. However incomming unsolicited AX/IP
> packets
> > are blocked.
> >
> > Ron N5IN
> >
>
>

1789. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 18:15:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oai2d.tee.nomail@linux.pe1chl.ampr.org>
Source record: 7827

paul harris <paul@sandwitch.org> wrote:
>You can't. AX.25 does not incorporate routing information. It is a
>point-to-point protocol. As such, it "lives" in layers 4-7 of the OSI model
>(below the network and transport layers. AX/IP means "AX.25 over IP", i.e.,
>using IP as the transport layer. Thus, you need software at either end of
>the IP "pipe" to communicate.

>In other words, AX.25 tunnels.

>"Protocol" does not imply "routable". Another common example of this is
>NetBEUI.

AX/IP is an encapulation protocol and as such does not conform to the OSI
model. It is not important whether AX.25 is routable, the routing is
performed at IP level.

The problem is that the original poster is (probably) not talking about
routing, but about network and port address translation. That is another
issue.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1790. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 19:26:22 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <yNch7.217$xi.78028@news7.onvoy.net>
Source record: 7828

Rob, so is it possible that a router with the right rules could route all IP93 packets to a single machine on my LAN? It seems to me that if such a router exists that would be sufficient to my needs.

Ron

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn9oai2d.tee.nomail@linux.pe1chl.ampr.org...
> paul harris <paul@sandwitch.org> wrote:
> >You can't. AX.25 does not incorporate routing information. It is a
> >point-to-point protocol. As such, it "lives" in layers 4-7 of the OSI model
> >(below the network and transport layers. AX/IP means "AX.25 over IP", i.e.,
> >using IP as the transport layer. Thus, you need software at either end of
> >the IP "pipe" to communicate.
>
> >In other words, AX.25 tunnels.
>
> >"Protocol" does not imply "routable". Another common example of this is
> >NetBEUI.
>
> AX/IP is an encapulation protocol and as such does not conform to the OSI
> model. It is not important whether AX.25 is routable, the routing is
> performed at IP level.
>
> The problem is that the original poster is (probably) not talking about
> routing, but about network and port address translation. That is another
> issue.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

1791. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 20:13:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oaov7.tee.nomail@linux.pe1chl.ampr.org>
Source record: 7829

Ron <no-spam@nospamX.com> wrote:
>Rob, so is it possible that a router with the right rules could route all
>IP93 packets to a single machine on my LAN? It seems to me that if such a
>router exists that would be sufficient to my needs.

Yes, this is possible. When your router can forward a protocol to a
specified internal address, and will translate the address on outbound
traffic, this will work with AX25 over IP.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1792. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-23 20:38:46 UTC
From: Ron <no.spam@nos.pam>
Message-ID: <PQdh7.415$tV6.12302@eagle.america.net>
Source record: 7830

So now the issue is finding a home router that can do it. I have a Netgear RT311 and it appears to be able to support servers only of the 'common' type, such as http, pop3, telnet. All of these rely upon port numbers. The Linksys BEFSR41 has a feature called DMZ which holds out some hope, I am going to try to borrow one.

Of course I could old computer out of the pile put in 2 nic's and install Linux router/firewall, but I would prefer these small low cost routers, they don't require a UPS for example.

Anyone reading this thread who has any knowledge of some of the other home routers I will appreciate hearing from you.

Ron N5IN

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9oaov7.tee.nomail@linux.pe1chl.ampr.org...
> Ron <no-spam@nospamX.com> wrote:
> >Rob, so is it possible that a router with the right rules could route all
> >IP93 packets to a single machine on my LAN? It seems to me that if such
a
> >router exists that would be sufficient to my needs.
>
> Yes, this is possible. When your router can forward a protocol to a
> specified internal address, and will translate the address on outbound
> traffic, this will work with AX25 over IP.
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

1793. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 00:12:35 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <TZgh7.45994$c8.18654718@news1.denver1.co.home.com>
Source record: 7831

I have the Linksys. The DMZ feature is for network games, where you
need a PC direct to the Internet. Otherwise, you can turn off DHCP, and
the Port Forwarding feature can be used.

I have several machines on my home network. A Linux box does my
Web server and SSH, and these two ports are set in the forwarding
rules. My Win98 box gets the Speak Freely port, and UI-View APRS
ports.

What you might want to look at is a program called VTUN:

http://vtun.sourceforge.net/

If all you have are Windows NT or Win9x boxes, or a Mac, you should
try the PGPNet Freeware:

http://www.pgp.com/products/freeware/default.asp

VTUN can tunnel IP or Ethernet, and is probably what you need. In
this case, you don't worry about AX.25 over IP tunneling, but just
tunnel IP or Ethernet between private network members. The tunnel
can be encrypted and compressed. I used this for awhile on a
wireless link, and am now setting it up to attach to the corporate LAN
to my home LAN using the cable modems by Cox. VTUN uses
Port 5000 by default, and you set this into your Linksys forwarding
web page.

VTUN doesn't require you to recompile the Kernel like SWAN does.
Although SWAN is more compliant with other IPSec protocol
computers (like PGPNet).

"Ron" <no.spam@nos.pam> wrote
> So now the issue is finding a home router that can do it. I have a Netgear
> RT311 and it appears to be able to support servers only of the 'common'
> type, such as http, pop3, telnet. All of these rely upon port numbers. The
> Linksys BEFSR41 has a feature called DMZ which holds out some hope, I am
> going to try to borrow one.
>
> Of course I could old computer out of the pile put in 2 nic's and install
> Linux router/firewall, but I would prefer these small low cost routers, they
> don't require a UPS for example.
>
> Anyone reading this thread who has any knowledge of some of the other home
> routers I will appreciate hearing from you.
>
> Ron N5IN
>

>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn9oaov7.tee.nomail@linux.pe1chl.ampr.org...
> > Ron <no-spam@nospamX.com> wrote:
> > >Rob, so is it possible that a router with the right rules could route all
> > >IP93 packets to a single machine on my LAN? It seems to me that if such
> a
> > >router exists that would be sufficient to my needs.
> >
> > Yes, this is possible. When your router can forward a protocol to a
> > specified internal address, and will translate the address on outbound
> > traffic, this will work with AX25 over IP.
> >
> > Rob
> > --
> > +--------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> > +--------------------------------+--------------------------------------+
>
>

1794. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 00:30:43 UTC
From: Ron <no.spam@nos.pam>
Message-ID: <hehh7.461$tV6.14496@eagle.america.net>
Source record: 7832

"Bob White" <bobwhite50@home.com> wrote in message
news:TZgh7.45994$c8.18654718@news1.denver1.co.home.com...
> I have the Linksys. The DMZ feature is for network games, where you
> need a PC direct to the Internet. Otherwise, you can turn off DHCP, and
> the Port Forwarding feature can be used.

Its possible DMZ might work, although I again suspect its expect IP Protocols 1, 6, 17 (ICMP, TCP, UDP) will be required. But if it does happen to work then the machine on which I have the AX/IP server will be bare, whereas I would like it to be open to just IP93. But its worth checking if I can borrow a Linksys and try it.

I don't think IP Forwarding in the Linksys will help as I believe it will forward only the common protocols, TCP, UDP, and associated applications associated with port numbers, such as ftp, telnet, http etc. In the instructions for IP Forwarding in the Linksys manual you must enter port numbers. AX/IP (IP Protocol 93) has no port numbers, so the IP Forwarding screen can't be used. If I am wrong, I will be pleased to know how to do it!

Your other suggestions require an always on machine on a UPS which although more flexible isn't quite as handy (for me) as a $!00.00 router. But I am off to read about them......

Ron

1795. NEW SITE MORE STUFF :-)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 00:47:16 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <ouhh7.20655$5_3.1333081@news1.cableinet.net>
Source record: 7833

Hi guys I am now setting up a new site. More or less completed with added software for vhf meteor scatter and also more Linux software. All software is aimed at MS Win or Linux platforms, and generally for use of a PC's soundcard.

Take a look see, plus of course the interfaces to isolate your radio from the pc.

http://www.g3vfp.com

Best Regards, and enjoy.

Dave G3VFP.

P.S Thanks to those whom have promoted links to my sites over the last five years, I certainly appreciate it.

1796. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 01:17:16 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.15ef752c7b148e789896d3@news.monmouth.com>
Source record: 7834

In article <9m257a$lj5$1@uranium.btinternet.com>, Basford@btinternet.com says...
> How about XPWin?
>
> http://www.goodnet.com/~gjohnson/

You're the second person that's mentioned XPWin. Going to give it a look. The only thing that I wonder about is does the author still support the program? The initial page on the site says last updated (the page I guess) in 1999. Anyways, I'll find out. Thanks all who have replied.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1797. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 04:42:02 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <uWkh7.46384$c8.18965387@news1.denver1.co.home.com>
Source record: 7835

"Ron" <no.spam@nos.pam> wrote
>
> In the instructions for IP Forwarding in the Linksys manual you must enter port
> numbers. AX/IP (IP Protocol 93) has no port numbers, so the IP Forwarding
> screen can't be used. If I am wrong, I will be pleased to know how to do
> it!

Right, you have to dedicate a whole IP address for AXIP usually, as most home routers only process UDP and TCP, and don't get into the protocol bits.

AXIP was designed and used before Internet security became important.
When I was with a local ISP in town, he was always configuring his router to block any protocol he didn't understand. I had to keep reminding him, until I finally gave up on Amateur IP altogether. Once I figured my whole user base was merely a bunch of cheap guys who wanted email service :-)

The way to do it today, is to use IPSec or a tunneling protocol such as VTUN (which you can settup to use Ethernet over UDP on port 5000).
Most network administrators allow this data through. It is very easy to create your own network of, say, DX clusters, or node backbone.

The hard part is coordination with all the users in the network.

> Your other suggestions require an always on machine on a UPS which
> although more flexible isn't quite as handy (for me) as a $!00.00 router.
> But I am off to read about them......

I use a battery and a trickle charger for all my Ham radio stuff. Computer, radio, TNC's, all run off of 12 volts (Linux and Win98 laptops). I plan to go solar this winter.

1798. TenTec Jupiter with a Rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 06:08:52 UTC
From: Bill Brannick <WmLB@prefer.net>
Message-ID: <b0rbotkktkr3jmtb9uf92scv47mfpbkmn8@4ax.com>
Source record: 7836

I ordered a Jupiter today.. should have it next week some time. I have been using the Rigblaster with my FT-990 (now sold) I am using the M8 (8 pin version of the Rigblaster). My Yaesu adapter for my Heil mic plugs directly into the Rigblaster of course.

My plan is to change the internal jumpers in the Rigblaster from the 8 pin Yaesu format to the 4 pin Ten Tec format. I think all I need to do at that point, is put together or buy the adapter cable that will go from the Rigblaster's RJ45 microphone output jack to the 4 pin mic connector on the Jupiter.

I plan to use the external speaker jack on the Jupiter and not make use of the ACC jacks on the transceiver. (Just as I did with the 990).

So.. if anyone here has already gone down this path I would appreciate your comments.. especially if you feel I may be "missing" something...

Bill, W6WLB

1799. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 06:47:58 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9obu4u.3e1.nomail@linux.pe1chl.ampr.org>
Source record: 7837

Bob White <bobwhite50@home.com> wrote:
>"Ron" <no.spam@nos.pam> wrote

>> In the instructions for IP Forwarding in the Linksys manual you must enter port
>> numbers. AX/IP (IP Protocol 93) has no port numbers, so the IP Forwarding
>> screen can't be used. If I am wrong, I will be pleased to know how to do
>> it!

>Right, you have to dedicate a whole IP address for AXIP usually, as most home
>routers only process UDP and TCP, and don't get into the protocol bits.

>AXIP was designed and used before Internet security became important.

The issue is not really security here (although AX.25 over IP is a
potentially insecure protocol).

It was designed before people were translating addresses on a large scale.
In those days it was assumed that any device on the Internet would have its
own fixed address, and that it would be perfectly routed across the entire
net. So any device could communicate with any other device when it knew
the address.

This has become inpractical not only for security reasons, but also because
of the advent of the standard dialup (or ADSL) account, that provides only
a single address to a single customer.
The small "router" boxes like the Linksys are not really routers, but
address translators. To operate, they often need to know the protocol
they are handling, and it is infeasible to let them know about all existing
protocols.

Fortunately, for AX.25 over IP they do not need to know more than that the
protocol 93 sits directly on top of IP. So it is NO port forwarding. Port
forwarding is for protocols that run on top of UDP or TCP.
You need protocol forwarding.

Alternatively, when you don't really need AX.25 in IP compatability but
just want to tunnel AX.25 traffic over the internet to someone that can
adapt to your changes, you can tunnel the traffic in UDP datagrams instead
of directly in IP. This has become another substandard, and Linux systems
can do it. I think some JNOS versions as well.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1800. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 15:25:20 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <Aluh7.46899$c8.19342730@news1.denver1.co.home.com>
Source record: 7838

"Rob Janssen" <nomail@rob.knoware.nl> wrote
>
> Alternatively, when you don't really need AX.25 in IP compatability but
> just want to tunnel AX.25 traffic over the internet to someone that can
> adapt to your changes, you can tunnel the traffic in UDP datagrams instead
> of directly in IP. This has become another substandard, and Linux systems
> can do it. I think some JNOS versions as well.

AXIP (hell, the whole ampr.net) is a control freak thing. The AXIP RFC
is probably the most words Brian ever wrote in his life. The ampr.org web
page is a study in Teletype motif. The whole ampr.net was obsolete in
1991, when most Hams started using Linux, or BSD, bigtime, and could
leave the vanity NOS versions behind. AXIP looks exciting to a DOS
programmer, but offers nothing to a computer with a complete network
programming base.

I don't think ported UDP tunneling is an alternative, I think it is the
normal way to do things. If people want to continue using the ampr.net
address space, I would tend to push them into this mode, rather than
any non-ported gimmick such as AXIP.

1801. Digital Radio Reception

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 16:34:08 UTC
From: Jerry Hawley <kg0gg@mato.com>
Message-ID: <tod0hu9j9fb8f3@corp.supernews.com>
Source record: 7839

Our state agencies are switching over to VHF DIGITAL Radio's, do they make scanners that can receive these communications?

--
Jerry Hawley
at Belle Fourche, SD

mailto:kg0gg@mato.com

1802. Re: Digital Radio Reception

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 18:24:29 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <xZwh7.47053$c8.19455999@news1.denver1.co.home.com>
Source record: 7840

Start with:

http://www.trunkedradio.net/trunked/apco25.htm

But I suspect you will need to purchase an APCO-25
radio. They are starting to appear at some of the biker
swap meets.

"Jerry Hawley" <kg0gg@mato.com> wrote
> Our state agencies are switching over to VHF DIGITAL Radio's, do they make
> scanners that can receive these communications?

1803. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 19:22:20 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <MPxh7.277$xi.94958@news7.onvoy.net>
Source record: 7841

Got my hands on a Linksys (BEFSR41 V.2), the 4 port $100.00 router.

IP Forwarding won't let in AX/IP, it appears only to forward TCP and UPD to the LAN side.

DMZ Hosting, which looked hopeful, also blocks AX/IP packets from entering. In addition it does something which I was not expecting. On LAN originated AX/IP packets it sends them to the WAN, with the proper destination address but with the source address as an internal address on the LAN (in my case 192.168.1.100) rather than the router's WAN address..

In any case the Linksys is useless for AX/IP, as is the NetGear RT311 and the Netopia 910. I am tending to believe all home routers will be useless for AX/IP.

Ron N5IN

1804. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 20:29:33 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <NOyh7.47112$c8.19521129@news1.denver1.co.home.com>
Source record: 7842

You need to remove the UPS limitation from
your specification.

With that gone, you can use any RedHat Linux
from 5.2 on up.

The cheap cable modem routers are bare bones.

You might look at a Cisco 2500 series router. I've
seen some pretty good ones in the $1300 range.

"Ron" <no-spam@nospamX.com> wrote
>
> In any case the Linksys is useless for AX/IP, as is the NetGear RT311 and
> the Netopia 910. I am tending to believe all home routers will be useless
> for AX/IP.
>
> Ron N5IN

1805. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-24 21:08:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9odgih.9hl.nomail@linux.pe1chl.ampr.org>
Source record: 7846

Ron <no-spam@nospamX.com> wrote:
>Got my hands on a Linksys (BEFSR41 V.2), the 4 port $100.00 router.

>IP Forwarding won't let in AX/IP, it appears only to forward TCP and UPD to
>the LAN side.

>DMZ Hosting, which looked hopeful, also blocks AX/IP packets from entering.
>In addition it does something which I was not expecting. On LAN originated
>AX/IP packets it sends them to the WAN, with the proper destination address
>but with the source address as an internal address on the LAN (in my case
>192.168.1.100) rather than the router's WAN address..

That is just a plain bug.

I would not buy a home router just because of issues like this. You will
be dependent on the willingness of the manufacturer to fix bugs.

Take a PC, even with just a floppy, and build a router from that. It will
be more flexible and when things go wrong you can fix them.

(there are many single-floppy Linux distribuitions for this purpose)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

1806. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 01:22:26 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <m5Dh7.24368$Ki1.1996637@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7843

"Ron" <no-spam@nospamX.com> wrote in message
news:1%Wg7.173$xi.66425@news7.onvoy.net...
> I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router,
> however I have been unable to direct my NetGear RT311 to route it. AX/IP
> (IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is a
> recognized IP protocol, its quite rare among internet users.
>
> The NetGear RT311 provides means to route IP Protocol such as 6 (TCP) and 17
> (UDP) to specific LAN addresses, I can't see any way to get to do the same
> for IP Protocol 93 (AX/IP).
>
> Since there must be a dozen low cost home routers on the market does anyone
> here have one for which they have succeeded in providing WAN access to an
> AX/IP sever on their LAN?
>
> I should note that if BPQ issues a connect, i.e. an outbound packet, then
> the router will allow replies. However incomming unsolicited AX/IP packets
> are blocked.
>
> Ron N5IN

Just curious:
Why not do a tunnel protocol that will work across routers?
e.g. tunnel with UDP?
Would not take much of a shim in the protocol stack.

--

... Hank

http://horedson.home.att.net

1807. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 03:09:52 UTC
From: Ron <no.spam@nos.pam>
Message-ID: <rFEh7.824$tV6.26497@eagle.america.net>
Source record: 7844

Hank

Yes, UDP will be the next step. But its been useful to learn that AX/IP
IP93 is incompatible with the home routers however.

Ron N5IN

"Hank Oredson" <horedson@att.net> wrote in message
news:m5Dh7.24368$Ki1.1996637@bgtnsc06-news.ops.worldnet.att.net...
>
> "Ron" <no-spam@nospamX.com> wrote in message
> news:1%Wg7.173$xi.66425@news7.onvoy.net...
> > I wish to put BPQ32/BPQAXIP on a system on my LAN behond a home router,
> > however I have been unable to direct my NetGear RT311 to route it.
AX/IP
> > (IP Protocol 93 RFC 1226) is for consumer use quite rare, although it is
a
> > recognized IP protocol, its quite rare among internet users.
> >
> > The NetGear RT311 provides means to route IP Protocol such as 6 (TCP)
and 17
> > (UDP) to specific LAN addresses, I can't see any way to get to do the
same
> > for IP Protocol 93 (AX/IP).
> >
> > Since there must be a dozen low cost home routers on the market does
anyone
> > here have one for which they have succeeded in providing WAN access to
an
> > AX/IP sever on their LAN?
> >
> > I should note that if BPQ issues a connect, i.e. an outbound packet,
then
> > the router will allow replies. However incomming unsolicited AX/IP
packets
> > are blocked.
> >
> > Ron N5IN
>
> Just curious:
> Why not do a tunnel protocol that will work across routers?
> e.g. tunnel with UDP?
> Would not take much of a shim in the protocol stack.
>
> --

>
> ... Hank
>
> http://horedson.home.att.net
>
>
>

1808. Mic Hookup

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 04:19:56 UTC
From: John Sicotte <jsicotte@nospam.earthlink.net>
Message-ID: <MHFh7.1938$434.183281@newsread2.prod.itd.earthlink.net>
Source record: 7845

Radio Shack sells a simplex repeater designed for handhelds. How do I connect it to my Icom IC-229H so that it will key up?

1809. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 07:36:21 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oelbl.9hl.nomail@linux.pe1chl.ampr.org>
Source record: 7847

Hank Oredson <horedson@att.net> wrote:

>Just curious:
>Why not do a tunnel protocol that will work across routers?
>e.g. tunnel with UDP?
>Would not take much of a shim in the protocol stack.

AX25 over IP works across routers.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1810. CAT980 for Yaesu FT980

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 09:51:59 UTC
From: mlawlor@gofree.indigo.ie
Message-ID: <3b877475.4591015@news.indigo.ie>
Source record: 7848

Hello,

I am looking for radio control program CAT980 for the Yaesu FT980 Transceiver. Does anyone have a copy of this or know where to download it on the internet? It is on the QRZ.COM site but ther seems to be a problem with downloads from that site.
Thanks,

Mike lawlor EI3CN

1811. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 11:38:12 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B878E24.23BC0C84@animats.net>
Source record: 7850

Bob White wrote:

> I don't think ported UDP tunneling is an alternative, I think it is the
> normal way to do things. If people want to continue using the ampr.net
> address space, I would tend to push them into this mode, rather than
> any non-ported gimmick such as AXIP.

What does using UDP/IP buy you other than additional overhead per datagram?
I can't see anything gimmicky about AXIP as described, it seems perfectly
appropriate to me, and no more or less difficult to implement.

Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1812. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 11:41:47 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B878EFB.F0DB3C95@animats.net>
Source record: 7851

Ron wrote:

> In any case the Linksys is useless for AX/IP, as is the NetGear RT311 and
> the Netopia 910. I am tending to believe all home routers will be useless
> for AX/IP.

.. and probably also no IPIP, GRE, IPv6 encapsulation .. for the same reason.

Does it allow ICMP through?

regards
Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1813. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 11:53:46 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <elMh7.48217$c8.20203237@news1.denver1.co.home.com>
Source record: 7849

Irrelevant, AX.25 over IP offers no advantages to
UDP port tunneling, and UDP port tunneling is available
on low cost cable modem routers (DSL, etc).

My own experience was, that my ISP blocked
protocols he thought was a security threat. I could
have gone somewhere else, but he gave me 16 IP's
for the price of one. I needed two to do AXIP.

UDP Port tunneling requires only one IP.

"Rob Janssen" <nomail@rob.knoware.nl> wrote
> Hank Oredson <horedson@att.net> wrote:
>
> >Just curious:
> >Why not do a tunnel protocol that will work across routers?
> >e.g. tunnel with UDP?
> >Would not take much of a shim in the protocol stack.
>
> AX25 over IP works across routers.

1814. Re: Shareware Windows version of PCPakratt?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 14:04:47 UTC
From: LB <1234l.s.booth@worldnet.att.net>
Message-ID: <3gOh7.25658$Ki1.2093546@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7852

I've used XPWin.. Pretty good program but don't know about support anymore. It was years ago that I tested it. It isn't shareware though and as I recall the license is around $90 or so. I've never found much shareware (free?) on the web that works well with a TNC and plays well with the other software and the OS.

Better to use software that is fully Windows compliant and supported, unless you enjoy writing and hacking software. (I don't). DOS based stuff is headed the way of the dinosaur. There are some Linux programs out there that are free it you want to work with Linux. I have used Linux in the past for packet (TNOS) successfully. If you want to learn a new OS that could be a great way to go.

I run Pacterm under W98SE2 and simultaneously a logger, MS Access for other data, word, rig control, and am on the Internet. All stable on an old AMD K6-266. Delicate balance!

Good luck.

"Jack" <jackn2mpu@monmouth.com> wrote in message
news:MPG.15ef752c7b148e789896d3@news.monmouth.com...
> In article <9m257a$lj5$1@uranium.btinternet.com>, Basford@btinternet.com
> says...
> > How about XPWin?
> >
> > http://www.goodnet.com/~gjohnson/
>
> You're the second person that's mentioned XPWin. Going to give it a
> look. The only thing that I wonder about is does the author still support
> the program? The initial page on the site says last updated (the page I
> guess) in 1999. Anyways, I'll find out. Thanks all who have replied.
> --
> de N2MPU Jack FN20
> Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
> Proud NRA member
> You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1815. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 14:25:35 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <zzOh7.48232$c8.20289423@news1.denver1.co.home.com>
Source record: 7853

"Terry Dawson" <terry@animats.net> wrote
> Bob White wrote:
>
> > I don't think ported UDP tunneling is an alternative, I think it is the
> > normal way to do things. If people want to continue using the ampr.net
> > address space, I would tend to push them into this mode, rather than
> > any non-ported gimmick such as AXIP.
>
> What does using UDP/IP buy you other than additional overhead per datagram?
> I can't see anything gimmicky about AXIP as described, it seems perfectly
> appropriate to me, and no more or less difficult to implement.

A Port. Otherwise, for AXIP, you need a whole IP.

1816. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 15:12:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ofg20.i93.nomail@linux.pe1chl.ampr.org>
Source record: 7854

Bob White <bobwhite50@home.com> wrote:
>"Terry Dawson" <terry@animats.net> wrote
>> Bob White wrote:

>> > I don't think ported UDP tunneling is an alternative, I think it is the
>> > normal way to do things. If people want to continue using the ampr.net
>> > address space, I would tend to push them into this mode, rather than
>> > any non-ported gimmick such as AXIP.

>> What does using UDP/IP buy you other than additional overhead per datagram?
>> I can't see anything gimmicky about AXIP as described, it seems perfectly
>> appropriate to me, and no more or less difficult to implement.

>A Port. Otherwise, for AXIP, you need a whole IP.

That isn't true. You need only a protocol number, and it was assigned
long ago.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1817. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 17:38:53 UTC
From: Ron <no.spam@nos.pam>
Message-ID: <8oRh7.919$tV6.31568@eagle.america.net>
Source record: 7855

Terry

Regarding ICMP, I don't have an answer. If I recall correctly one of ICMP's function is 'ping'. The Linksys does have an option they call 'Block WAN requests.' When enabled the Linksys itself does not respond to pings, when disabled it does respond. The idea is to make it appear you do not exist.

In the IP Forwarding screen, where you set up servers on the LAN to respond to WAN requests, the only options are to enable TCP or UDP or both. Its possible I suppose that ICMP may get through, but I would need to test that...have not tested it yet.

ICMP can carry a variable length message, I don't know the length limit.

Do you have some idea in mind?

Ron N5IN

"Terry Dawson" <terry@animats.net> wrote in message
news:3B878EFB.F0DB3C95@animats.net...
> Ron wrote:
>
> > In any case the Linksys is useless for AX/IP, as is the NetGear RT311
and
> > the Netopia 910. I am tending to believe all home routers will be
useless
> > for AX/IP.
>
> .. and probably also no IPIP, GRE, IPv6 encapsulation .. for the same
reason.
>
> Does it allow ICMP through?
>
> regards
> Terry
>
> --
> Radio Free Penguin: http://radio.linux.org.au/

1818. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 17:49:52 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <4zRh7.48324$c8.20456104@news1.denver1.co.home.com>
Source record: 7856

"Rob Janssen" <nomail@rob.knoware.nl> wrote
>
> >A Port. Otherwise, for AXIP, you need a whole IP.
>
> That isn't true. You need only a protocol number, and it was assigned
> long ago.

It is not supported. UDP is supported in the cheapest router/firewall.
Now I agree that any programmer can build a Linux router and create an
AXIP solution. But why bother.

What does AXIP give you that a UDP port solution doesn't? And don't
tell me about the overhead. It is insignificant over the Internet tunnel
being used.

1819. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-25 21:36:45 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <NTUh7.61113$gj1.5641307@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7857

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9oelbl.9hl.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >Just curious:
> >Why not do a tunnel protocol that will work across routers?
> >e.g. tunnel with UDP?
> >Would not take much of a shim in the protocol stack.
>
> AX25 over IP works across routers.

Not across any routers of interest to me: those at my ISPs.

--

... Hank

http://horedson.home.att.net

1820. Re: HELP

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 01:34:15 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <rmYh7.48840$c8.20827095@news1.denver1.co.home.com>
Source record: 7858
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

SPAM, go away.

"John Q. Public" wrote
>
> I want to broadcast audio over the Internet from my PC. What
> hardware/software do I need to do this?

1821. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 05:12:14 UTC
From: hamish@cloud.net.au
Message-ID: <Oy%h7.22797$A5.69948@news1.eburwd1.vic.optushome.com.au>
Source record: 7859

Bob White <bobwhite50@home.com> wrote:
> You need to remove the UPS limitation from
> your specification.

Alternatively, set up a linux system which doesn't need a read/write
file system. For example, one which boots from floppy and loads
its root file system into a ram disk. Then nothing is lost when
the power goes.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1822. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 06:59:24 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B889E4C.C6E147A1@animats.net>
Source record: 7863

Bob White wrote:

> It is not supported. UDP is supported in the cheapest router/firewall.
> Now I agree that any programmer can build a Linux router and create an
> AXIP solution. But why bother.

That's a failing of cheap routers, there are a number of industry standard encapsulations (IPIP and GRE amongst them) that will also not be supported by the limited IP implementations in such devices. That isn't a failing of AXIP or its design. The problem lies with the devices.

> What does AXIP give you that a UDP port solution doesn't? And don't
> tell me about the overhead. It is insignificant over the Internet tunnel
> being used.

Absolutely nothing, except correctness and efficiency of implementation.

The overhead issue is insignificant only when you're making assumptions about the type of IP network you're carrying your data across. A fundamental design philosophy of the internet is 'be conservative in what you send and liberal in what you receive'.

If I'm carrying encapsulated AX.25 frames over my IP-based GPRS mobile telephone service I might well care about the protocol overhead, especially in the presence of small MTUs that might induce IP fragmentation as a result.

Terry

--
Radio Free Penguin: http://radio.linux.org.au/

1823. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 08:02:49 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ohb98.o1r.nomail@linux.pe1chl.ampr.org>
Source record: 7860

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn9oelbl.9hl.nomail@linux.pe1chl.ampr.org...
>> Hank Oredson <horedson@att.net> wrote:

>> >Just curious:
>> >Why not do a tunnel protocol that will work across routers?
>> >e.g. tunnel with UDP?
>> >Would not take much of a shim in the protocol stack.

>> AX25 over IP works across routers.

>Not across any routers of interest to me: those at my ISPs.

The problem is not in the routers at ISP's it is in the NAT boxes at home
that are erroneously called routers.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1824. ACARS Log Analyser for Windows - Version 1.0.20 now available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 11:14:35 UTC
From: mark.avey@virgin.net
Message-ID: <21fc4b52.0108260314.56bbb20c@posting.google.com>
Source record: 7861

We are pleased to announce that version 1.0.20 of Log Analyser for Windows is now available from http://www.acarsonline.co.uk

This release offers support for ZCARS logs and now allows the removal of duplicate data from the main database.

This is a FREE upgrade.

Thanks,

Mark Avey

1825. Need HAL ST-8000 HF Modem Maintenance Manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 12:44:07 UTC
From: dinoal7lz@aol.com
Message-ID: <20010826084407.14610.00004749@mb-fo.aol.com>
Source record: 7862

If anyone has one they no longer need would appreciate hearing from you.

Thanks in advance!

Dino KL0S/4

1826. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 14:30:17 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ZJ7i7.62458$gj1.5770318@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7864

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ohb98.o1r.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> >news:slrn9oelbl.9hl.nomail@linux.pe1chl.ampr.org...
> >> Hank Oredson <horedson@att.net> wrote:
>
> >> >Just curious:
> >> >Why not do a tunnel protocol that will work across routers?
> >> >e.g. tunnel with UDP?
> >> >Would not take much of a shim in the protocol stack.
>
> >> AX25 over IP works across routers.
>
> >Not across any routers of interest to me: those at my ISPs.
>
> The problem is not in the routers at ISP's it is in the NAT boxes at home
> that are erroneously called routers.

I'll try and make it more clear Rob: my ISP does not route AXIP.

--

... Hank

http://horedson.home.att.net

1827. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 15:47:22 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oi6ga.thr.nomail@linux.pe1chl.ampr.org>
Source record: 7865

Hank Oredson <horedson@att.net> wrote:

>> The problem is not in the routers at ISP's it is in the NAT boxes at home
>> that are erroneously called routers.

>I'll try and make it more clear Rob: my ISP does not route AXIP.

Sad for you... over here there is a kind of "quality certificate" for
ISPs: being member of NLIP. This organzation specifies Internet access
and explicity forbids filtering of the traffic on protocol- or port level
against the wishes of the customer.

So most ISPs here won't arbitrarily block protcols and risk endless
discussion about being in violation of the rules of this (imaginary)
"quality certificate".

Maybe it is a good idea to have some form of ISP certification too, so you
can avoid the clueless ones (that is why it was invented here).

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1828. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 17:38:09 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <ovciot44meugslhu0hn66h3klsc14te8iu@4ax.com>
Source record: 7866
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1829. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 18:39:52 UTC
From: Bob White <bobwhite50@home.com>
Message-ID: <Ynbi7.49428$c8.21528771@news1.denver1.co.home.com>
Source record: 7867

In the U.S. it is pay as you go. If you want a protocol
outside the defaults, you pay an extra fee, and most often
are considered a commercial customer, and not a home
user. AXIP is not on the default home user list, as it will
allow you to set up servers. Servers generally are an
added fee as well, unless you use the ISP's provided
server and upload your files there.

Capitalism sucks, but that's the system we've chosen.

"Rob Janssen" <nomail@rob.knoware.nl> wrote
> Hank Oredson <horedson@att.net> wrote:
>
> >> The problem is not in the routers at ISP's it is in the NAT boxes at home
> >> that are erroneously called routers.
>
> >I'll try and make it more clear Rob: my ISP does not route AXIP.
>
> Sad for you... over here there is a kind of "quality certificate" for
> ISPs: being member of NLIP. This organzation specifies Internet access
> and explicity forbids filtering of the traffic on protocol- or port level
> against the wishes of the customer.
>
> So most ISPs here won't arbitrarily block protcols and risk endless
> discussion about being in violation of the rules of this (imaginary)
> "quality certificate".
>
> Maybe it is a good idea to have some form of ISP certification too, so you
> can avoid the clueless ones (that is why it was invented here).

1830. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 20:28:30 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9mbm5e$26f$0@216.39.171.5>
Source record: 7868

There are many (unfortunately fewer all the time as the smaller ones
get taken over by Earthlink, MSN, etc.) who will allow servers, AXIP,
etc., at the basic rate. These typically aren't the same ones who have
the lowest rates, however.

All the more reason to check these things out when selecting an ISP.
Unfortunately in some areas there are not a lot of choices available.

Bob, N7XY

On Sun, 26 Aug 2001 18:39:52 GMT, Bob White wrote:
> In the U.S. it is pay as you go. If you want a protocol
> outside the defaults, you pay an extra fee, and most often
> are considered a commercial customer, and not a home
> user. AXIP is not on the default home user list, as it will
> allow you to set up servers. Servers generally are an
> added fee as well, unless you use the ISP's provided
> server and upload your files there.
>
> Capitalism sucks, but that's the system we've chosen.
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote
>> Hank Oredson <horedson@att.net> wrote:
>>
>> >> The problem is not in the routers at ISP's it is in the NAT boxes at home
>> >> that are erroneously called routers.
>>
>> >I'll try and make it more clear Rob: my ISP does not route AXIP.
>>
>> Sad for you... over here there is a kind of "quality certificate" for
>> ISPs: being member of NLIP. This organzation specifies Internet access
>> and explicity forbids filtering of the traffic on protocol- or port level
>> against the wishes of the customer.
>>
>> So most ISPs here won't arbitrarily block protcols and risk endless
>> discussion about being in violation of the rules of this (imaginary)
>> "quality certificate".
>>
>> Maybe it is a good idea to have some form of ISP certification too, so you
>> can avoid the clueless ones (that is why it was invented here).
>
>

1831. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 22:44:09 UTC
From: "Donald E. Smith" <desmith@innercite.com>
Message-ID: <3B897BB9.285D4598@innercite.com>
Source record: 7869
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

I too, am in the repair business and do not take lightly the ethics of repair. They had the equipment for almost a year and never even opened it up. They never responded to my requests for an update or sent me any kind of communications regarding the status of its repair. If you or I ever ran our business that way we would not be able to enjoy our good reputations. Don

Neville Y wrote:

> Sorry Donald, I really do not understand your need to express your views
> here. As I read your post you paid $110 when they estimated "under $300". We
> have your side of the story and I do believe you version, but I think it is
> fair to have the other side. I am involved in servicing and while perhaps
> 95% of all repairs are straightforward, some do go wrong. I'm not really
> trying to give excuses, but some of the problems I have encountered include.
> Leaving a message at the contact phone number regarding repair and they do
> not pass it on (they will never admit this later).
> Wrong phone number supplied.
>
> No response to phone calls (or message left). Please understand I may have
> 50 repairs at any one time and I can not call each client 5 times daily
> (work it out).
> Email can be impossible. I often receive over 300 messages per day. How can
> I read or replay to them all and still have time to repair your radio?
>
> I have also hung up on callers. Some can never see reason.
> No doubt others have had bad servicing experiences, but many will have good
> ones. We will always hear the complaints.
>
> Best Regards
> Neville
>
> "Donald E. Smith" <desmith@innercite.com> wrote in message
> news:3B7C1DDB.53B4193B@innercite.com...
> > This is a warning notice to all in radio land about a test equipment
> > company located in Auburn, KY. They are Auburn Metrological Labs at
> > 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270
> > 542-6000.
> >
> > Based on information given to me by their General Manager, Ken Knowles,
> > they would be able to repair my Cushman CE-50 that was having a receive
> > problem. It generated fine and all pll were locking fine. They gave me
> > an estimate of under $300.00 with a turnaround of about one week. I
> > sent it to them for repair on February 24, 2001 based on this

> > information. After a couple of months went by without even an
> > acknowledgment of receiving it, I tried to contact them by telephone and
> > email. Still I received no information on it and after numerous emails
> > and a couple of letters, one being a legal demand letter, the unit
> > showed up at my door with a 110.00 COD charge. After contacting the
> > company I was advised that Ken Knowles was on vacation and the service
> > manager was arrogant, rude and even hung up on me. If you value your
> > equipment and it is in need of repairs or calibration, PLEASE do Not
> > send it to them. You will regret it.
> >
> > My options, against them, are not exhausted but I would rather have
> > never had the problem to begin with. It has the tendency to taint all
> > repair facilities. This outfit was recommended by a person from one of
> > the amateur news groups. I hope I have prevented any grief for others
> > by this post. Thanks for listening to my ranting. 73's Don Smith
> > KB6GQA
> >

1832. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 23:30:27 UTC
From: Chris Johnson <cmjohnson@cfl.rr.com>
Message-ID: <3B898753.CBD89615@cfl.rr.com>
Source record: 7870
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Here are the rules you must accept in any service industry:

Never make excuses. The truth is the only answer that is ever acceptable.

The customer may not always be right, but you must treat him as if he is.

Respect and courtesy for your customers, workers, and suppliers are
absolutely essential.

Never over-promise. If it's going to take a year, say so.

Never under-estimate. If it's going to take a grand to fix it, say so.

If you're so busy that you can't attend to the details of customer service,
then you can't afford not to hire somebody who will take on that task.

If you point your finger at a customer and say 'He's the problem!' then
note that while one finger's pointing at him, the rest are pointing back
at you.

An argument occurs at the intersection of two jerks. You can avoid
the argument by behaving in a non-jerk-like manner.

Deliver the unit as promised. If you can't get to it in the quoted time,
contact the customer and explain. If he asks for it back, return it
without hesitation, with an apology, and postage paid. It's worth it
for good customer relations.

Your standard of service must be the same for all customers.
Do EVERY job to the highest standards and EVERY customer
will be pleased and will deal with you again.

Last but not least, NEVER jump customer's equipment in line.
They come in first, they get serviced first. No customer's equipment
should ever be set aside to do an expedited repair on another unit
for a more important customer. No customer is any more or less
important than any other because they're all paying you.

CJ

Neville Y wrote:

> Sorry Donald, I really do not understand your need to express your views
> here. As I read your post you paid $110 when they estimated "under $300". We
> have your side of the story and I do believe you version, but I think it is
> fair to have the other side. I am involved in servicing and while perhaps
> 95% of all repairs are straightforward, some do go wrong. I'm not really

> trying to give excuses, but some of the problems I have encountered include.
> Leaving a message at the contact phone number regarding repair and they do
> not pass it on (they will never admit this later).
> Wrong phone number supplied.
>
> No response to phone calls (or message left). Please understand I may have
> 50 repairs at any one time and I can not call each client 5 times daily
> (work it out).
> Email can be impossible. I often receive over 300 messages per day. How can
> I read or replay to them all and still have time to repair your radio?
>
> I have also hung up on callers. Some can never see reason.
> No doubt others have had bad servicing experiences, but many will have good
> ones. We will always hear the complaints.
>
> Best Regards
> Neville
>
> "Donald E. Smith" <desmith@innercite.com> wrote in message
> news:3B7C1DDB.53B4193B@innercite.com...
> > This is a warning notice to all in radio land about a test equipment
> > company located in Auburn, KY. They are Auburn Metrological Labs at
> > 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270
> > 542-6000.
> >
> > Based on information given to me by their General Manager, Ken Knowles,
> > they would be able to repair my Cushman CE-50 that was having a receive
> > problem. It generated fine and all pll were locking fine. They gave me
> > an estimate of under $300.00 with a turnaround of about one week. I
> > sent it to them for repair on February 24, 2001 based on this
> > information. After a couple of months went by without even an
> > acknowledgment of receiving it, I tried to contact them by telephone and
> > email. Still I received no information on it and after numerous emails
> > and a couple of letters, one being a legal demand letter, the unit
> > showed up at my door with a 110.00 COD charge. After contacting the
> > company I was advised that Ken Knowles was on vacation and the service
> > manager was arrogant, rude and even hung up on me. If you value your
> > equipment and it is in need of repairs or calibration, PLEASE do Not
> > send it to them. You will regret it.
> >
> > My options, against them, are not exhausted but I would rather have
> > never had the problem to begin with. It has the tendency to taint all
> > repair facilities. This outfit was recommended by a person from one of
> > the amateur news groups. I hope I have prevented any grief for others
> > by this post. Thanks for listening to my ranting. 73's Don Smith
> > KB6GQA
> >

1833. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-26 23:49:01 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <NVfi7.63497$gj1.5850225@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7871

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9oi6ga.thr.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >> The problem is not in the routers at ISP's it is in the NAT boxes at home
> >> that are erroneously called routers.
>
> >I'll try and make it more clear Rob: my ISP does not route AXIP.
>
> Sad for you... over here there is a kind of "quality certificate" for
> ISPs: being member of NLIP. This organzation specifies Internet access
> and explicity forbids filtering of the traffic on protocol- or port level
> against the wishes of the customer.

I do not care that this particular ISP does not route AXIP, since I
do not see any use for that protocol. Another ISP I have used does
route AXIP, allows me to run various servers, etc. It's all a trade-off
between the various services and the cost of them.

> So most ISPs here won't arbitrarily block protcols and risk endless
> discussion about being in violation of the rules of this (imaginary)
> "quality certificate".

My current ISP does no such things. The account I chose give unlimited
dialup connect time at a reasonable rate with excellent connects, and
supports all the features I want. If (and it's a big IF since I'm fairly well
out in the boonies) DSL or cable ever become available here, I'll switch
ISPs again. For the DSL case (which is more probable than cable) I've
already chosen an ISP, had a nice talk with their head sys admin, and
would get a couple fixed IP with ability to run "any server I like". But DSL
is not yet possible here ...

> Maybe it is a good idea to have some form of ISP certification too, so you
> can avoid the clueless ones (that is why it was invented here).

My current ISP is hardly "clueless" in any manner!

And in any case routing AXIP is not of interest, since I have excellent
radio connections available instead (grin!).

--

... Hank

http://horedson.home.att.net

1834. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 08:43:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ok217.9h9.nomail@linux.pe1chl.ampr.org>
Source record: 7872

Bob White <bobwhite50@home.com> wrote:
>In the U.S. it is pay as you go. If you want a protocol
>outside the defaults, you pay an extra fee, and most often
>are considered a commercial customer, and not a home
>user. AXIP is not on the default home user list, as it will
>allow you to set up servers. Servers generally are an
>added fee as well, unless you use the ISP's provided
>server and upload your files there.

>Capitalism sucks, but that's the system we've chosen.

There are some cable firms here that operate that way, i.e. they don't allow servers and try to do clever things to enforce that, but they claim this is necessary because the uplink bandwidth is limited and shared, and running a popular server would have impact on the performance of other subscribers in the area. That sounds like a valid reason.

On DSL this is not the case, and I don't know about any DSL provider that has such regulations or filters.

Probably because of the same capitalism: when you provide filtered service where others provide full service, and this fact is known to (or can be known to) your customers, who is going to buy your service? And how are you going to survive? You will have to offer your service for a lower price, whereas you have increased cost because you will have to install and maintain filters...

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1835. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 08:51:12 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ok2g0.9h9.nomail@linux.pe1chl.ampr.org>
Source record: 7873

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn9oi6ga.thr.nomail@linux.pe1chl.ampr.org...
>> Hank Oredson <horedson@att.net> wrote:

>> >> The problem is not in the routers at ISP's it is in the NAT boxes at home
>> >> that are erroneously called routers.

>> >I'll try and make it more clear Rob: my ISP does not route AXIP.

>> Sad for you... over here there is a kind of "quality certificate" for
>> ISPs: being member of NLIP. This organzation specifies Internet access
>> and explicity forbids filtering of the traffic on protocol- or port level
>> against the wishes of the customer.

>I do not care that this particular ISP does not route AXIP, since I
>do not see any use for that protocol. Another ISP I have used does
>route AXIP, allows me to run various servers, etc. It's all a trade-off
>between the various services and the cost of them.

This all sounds very artificial to me. It will cost them money to filter
out AXIP, so this cost thing is not about real cost but more about trying
to charge for anything on a bit-by-bit basis.

I presume when you can't get AXIP, it will also be a problem to have GRE or
IPsec. Those are non-TCP non-UDP protocols as well, that sit at the same
level as AXIP. Not having those will mean you can't setup a VPN using the
standard protocols.

Again, that can be circumvented by encapsulating in UDP or TCP, but this
certainly shows that a filter only serves as a nuisance and will never
block the usage the ISP was trying to block. With some extra programming
you can always get around it. A cleverly programmed home router could
translate AX25-in-IP into AX25-in-UDP/IP and vice versa. While there
probably won't be any on the market that are going to do that, I certainly
foresee boxes that will tunnel standard VPN protocols over nonstandard TCP
or UDP ports, just to fool the ISP's.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1836. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 14:27:18 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <aNsi7.28795$Ki1.2481616@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7874

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ok2g0.9h9.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> >news:slrn9oi6ga.thr.nomail@linux.pe1chl.ampr.org...
> >> Hank Oredson <horedson@att.net> wrote:
>
> >> >> The problem is not in the routers at ISP's it is in the NAT boxes at
home
> >> >> that are erroneously called routers.
>
> >> >I'll try and make it more clear Rob: my ISP does not route AXIP.
>
> >> Sad for you... over here there is a kind of "quality certificate" for
> >> ISPs: being member of NLIP. This organzation specifies Internet access
> >> and explicity forbids filtering of the traffic on protocol- or port level
> >> against the wishes of the customer.
>
> >I do not care that this particular ISP does not route AXIP, since I
> >do not see any use for that protocol. Another ISP I have used does
> >route AXIP, allows me to run various servers, etc. It's all a trade-off
> >between the various services and the cost of them.
>
> This all sounds very artificial to me. It will cost them money to filter
> out AXIP, so this cost thing is not about real cost but more about trying
> to charge for anything on a bit-by-bit basis.

What cost? Just no entries to route it. Is a "cost" to add it to the tables.

--

... Hank

http://horedson.home.att.net

1837. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 15:58:08 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9okrgg.bsf.nomail@linux.pe1chl.ampr.org>
Source record: 7875

Hank Oredson <horedson@att.net> wrote:

>> >I do not care that this particular ISP does not route AXIP, since I
>> >do not see any use for that protocol. Another ISP I have used does
>> >route AXIP, allows me to run various servers, etc. It's all a trade-off
>> >between the various services and the cost of them.

>> This all sounds very artificial to me. It will cost them money to filter
>> out AXIP, so this cost thing is not about real cost but more about trying
>> to charge for anything on a bit-by-bit basis.

>What cost? Just no entries to route it. Is a "cost" to add it to the tables.

No, it does not work like that Hank.

I always wonder if you are having some split personality disorder. One
time you write things that would indicate you know how TCP/IP is designed
and operates, the next time you post completely clueless remarks like the
above. It is almost like there are two "Hank Oredson"s.

But well, let's be kind. The "routing" in IP operates (just) below the
level we are looking at. An IP datagram is forwarded to its final
destination using only the IP address (and possibly the "type of service").

Only the final destination looks at the "protocol number" field, which
decides if the payload of the packet is a UDP datagram, a TCP segment, or
in this case an AX25 packet. It is like the PID field in AX.25.
The routers need not be concerned with this, it is only of interest to
the final destination host. Don't tell us you need to configure a
digipeater for every different PID you want it to digipeat.

Of course, filtering is being done that peeks into fields that routers
should not look at. And address translation is being done that needs to
modify some fields that according to the original specs should always be
left alone. But an unconfigured router out of the box should route AXIP
just like it routes UDP or TCP, without any extra effort. Extra effort
is only required to prohibit AXIP.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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1838. Help! TNC-2 Experts!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 16:52:19 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3B8A7AC3.3A067319@crosslink.net>
Source record: 7876

Hi,

I picked up an MFJ 1270 (not newer B or C model) with v.1.2.9 firmware dated 12/23/92 at a hamfest and cannot get it to send packets. I'm using BUXTERM on a laptop.

The TNC and laptop appear to "talk" FB as I was able to reset the TNC, enter my call and change various parameters. It is recieving packets from several stations; they show up with monitor on or in response to MHEARD. It even toggles the PTT line in the modem setup mode.

Unfortunately, the blighter won't transmit when I try to connect to another station on the MHEARD list. It appears to get the CONNECT command and set up a packet because an LED lights on the TNC and "STATUS" replies "Packet Pending" but the transmitter doesn't get keyed nor the packet sent. Eventually, I get a timeout message.

I'm bought a TNC-Xcvr cable specifically for my radio from MFJ and the TNC can key the Xmtr via the PTT line in modem calibrate mode so I suspect there is some simple thing I'm doing or not doing that's keeping the packets from being sent.

Any advise appreciated.

TIA and 73
KA3DWW

1839. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 18:44:12 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <0ywi7.51510$c8.22412410@news1.denver1.co.home.com>
Source record: 7877

@home has an agreement you sign, to not set up any
servers. They do not just cut you off when they find one,
and for the past few years port 80 was wide open. It wasn't
until just a couple weeks ago that the Code Red attack
pretty much wiped out @home. There were so many
bootleg copies of Microsoft IIS running that had not been
patched, that my "activity" modem light was on solid. I put
my Linux box on the cable to sniff the line, and it was a huge
ARP storm due to the Code Red IIS attack.

I'm glad they did something, and I hope Microsoft goes
after all the bootleg users. They should all serve at least
30 days in a chain gang. Not for stealing worthless software,
but for network abuse. I sent all my logs to the FBI and
the CERT, so it will be easy to compare IP addresses
against customer names and registrations.

My point being, that most home users aren't qualified to set
up a server, and don't have the intelligence to protect their
systems on a daily basis.

While VPN is not one of the restrictions I'm aware of, and
certainly they have no control of a tunnel, but they do have a
"Top 10%" club, where those who are in the top 10% of
upload bandwidth are identified and dealt with. In my case,
my company filters out all @home IP ranges (too many inbound
attacks) so VPN from home isn't an option on this network,
and I have to dial-in with a modem.

"Rob Janssen" <nomail@rob.knoware.nl> wrote
>
> This all sounds very artificial to me. It will cost them money to filter
> out AXIP, so this cost thing is not about real cost but more about trying
> to charge for anything on a bit-by-bit basis.
>
> I presume when you can't get AXIP, it will also be a problem to have GRE or
> IPsec. Those are non-TCP non-UDP protocols as well, that sit at the same
> level as AXIP. Not having those will mean you can't setup a VPN using the
> standard protocols.
>
> Again, that can be circumvented by encapsulating in UDP or TCP, but this
> certainly shows that a filter only serves as a nuisance and will never
> block the usage the ISP was trying to block. With some extra programming
> you can always get around it. A cleverly programmed home router could
> translate AX25-in-IP into AX25-in-UDP/IP and vice versa. While there

> probably won't be any on the market that are going to do that, I certainly
> foresee boxes that will tunnel standard VPN protocols over nonstandard TCP
> or UDP ports, just to fool the ISP's.

1840. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-27 22:39:42 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <O_zi7.29484$Ki1.2536072@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7878

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9okrgg.bsf.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
>
> >> >I do not care that this particular ISP does not route AXIP, since I
> >> >do not see any use for that protocol. Another ISP I have used does
> >> >route AXIP, allows me to run various servers, etc. It's all a trade-off
> >> >between the various services and the cost of them.
>
> >> This all sounds very artificial to me. It will cost them money to filter
> >> out AXIP, so this cost thing is not about real cost but more about trying
> >> to charge for anything on a bit-by-bit basis.
>
> >What cost? Just no entries to route it. Is a "cost" to add it to the tables.
>
> No, it does not work like that Hank.
>
> I always wonder if you are having some split personality disorder. One
> time you write things that would indicate you know how TCP/IP is designed
> and operates, the next time you post completely clueless remarks like the
> above. It is almost like there are two "Hank Oredson"s.

Rob, this has nothing to do with how tcp/ip is designed and operates.
It has only to do with my particular ISP (and probably many others as well).

It is done at the router sitting at the POP.

Only specific protocols (and ports) are allowed to route from
the user into the network, and to route from the network to the user.

"Anything not specifically allowed is forbidden."

It is a business matter, not a technical matter.

--

... Hank

http://horedson.home.att.net

1841. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 08:55:55 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9omn4r.lkq.nomail@linux.pe1chl.ampr.org>
Source record: 7879

Steve Sampson <k5okc@home.com> wrote:
>I'm glad they did something, and I hope Microsoft goes
>after all the bootleg users. They should all serve at least
>30 days in a chain gang. Not for stealing worthless software,
>but for network abuse. I sent all my logs to the FBI and
>the CERT, so it will be easy to compare IP addresses
>against customer names and registrations.

I also hope Microsoft gets more flak for destabilizing the
network with their so-called "innovative" (but in fact insecure)
software.

It is not only this IIS incident that is causing extreme damage,
but also Outlook Express which is wellknown as a virus and trojan
host.

>My point being, that most home users aren't qualified to set
>up a server, and don't have the intelligence to protect their
>systems on a daily basis.

It should not be necessary to protect a system on a daily basis.
Not only are potentially vulnerable servers installed and enabled
by default, but there is no easily visible way to switch off all
of them. This incident has shown how bad that is.
But instead of pointing to the provider of all this evil, all the
blame is put on the users.

>While VPN is not one of the restrictions I'm aware of, and
>certainly they have no control of a tunnel, but they do have a
>"Top 10%" club, where those who are in the top 10% of
>upload bandwidth are identified and dealt with. In my case,
>my company filters out all @home IP ranges (too many inbound
>attacks) so VPN from home isn't an option on this network,
>and I have to dial-in with a modem.

That is a company policy. It is independent of the other issues.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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1842. Re: AX/IP (IP Protocol 93) and home routers.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 09:00:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9omnd3.lkq.nomail@linux.pe1chl.ampr.org>
Source record: 7880

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn9okrgg.bsf.nomail@linux.pe1chl.ampr.org...
>> Hank Oredson <horedson@att.net> wrote:

>> >> >I do not care that this particular ISP does not route AXIP, since I
>> >> >do not see any use for that protocol. Another ISP I have used does
>> >> >route AXIP, allows me to run various servers, etc. It's all a trade-off
>> >> >between the various services and the cost of them.

>> >> This all sounds very artificial to me. It will cost them money to filter
>> >> out AXIP, so this cost thing is not about real cost but more about trying
>> >> to charge for anything on a bit-by-bit basis.

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>> No, it does not work like that Hank.

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>> time you write things that would indicate you know how TCP/IP is designed
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>> above. It is almost like there are two "Hank Oredson"s.

>Rob, this has nothing to do with how tcp/ip is designed and operates.
>It has only to do with my particular ISP (and probably many others as well).

>It is done at the router sitting at the POP.

>Only specific protocols (and ports) are allowed to route from
>the user into the network, and to route from the network to the user.

>"Anything not specifically allowed is forbidden."

>It is a business matter, not a technical matter.

So your ISP invents a policy, implements a few filtering rules, breaks
their user's traffic, then claims that it would cost money to fix that
and will charge extra for it? How clever...

That isn't an Internet Service Provider, it is a Web/Mail Service Provider.
We had a few of these, but they are dying away quickly.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1843. Dead Horse (was AX/IP (IP Protocol 93) and home routers.)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 09:35:06 UTC
From: Charles Brabham <n5pvl@the-i.net>
Message-ID: <9mfom10924@enews1.newsguy.com>
Source record: 7881

Gee, I can remember seven or eight years ago, when fairly often, the subject of amateur tcpip would come up at gatherings of packet radio ops. There was a fair amount of curiosity among rank 'n file hams about amateur tcpip, back then. Now, the only place I hear about it is here, and at TAPR's functions. Oh, yes, there's also that moron that took over as CQ magazine's "Digital guru" after Buck Rogers moved on to other things. You know - The dweeb who never mentions digital ham radio in his (digital ham radio) column, because the space is all taken up by the time he gets through tooting his own horn and mindlessly promoting TAPR, ignoring the damage that organization has done to the hobby? (Yawn)

The discussion of amateur tcpip here has many parallels with the discussion of code/no-code on the "ham-policy" ng.... A small clique of the same old tired group of hams, mindlessly beating the same old dead horse, taking up valuable space that otherwise could have been used to discuss something more relevant to the hobby.

On the other hand, I can certainly see where this would be the legitimate place for the dozen or so people who still care about amateur tcpip to discuss their interest... It most definately fits into the "misc" category, since there now appears to be no mainstream interest in amateur tcpip whatsoever.

Charles, N5PVL

1844. Re: Help! TNC-2 Experts - THANKS!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 14:00:01 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3B8BA3E1.9D757D5F@crosslink.net>
Source record: 7882

Howard Goldstein wrote:
>
> Does the (yellow?) DCD LED light and extinguish in sync with other
> traffic on frequency or is it on all the time?

Yes, and I think I found the problem thanks to everybody's help. It appears I wasn't waiting long enough. There is apparently a preset delay and nothing gets sent til there is a full packet or this time expires. I gave the TNC a connect command then gave up and went in the other room to play Free Cell on a PC. After a while, that PC buzzed indicating QRM. I went back and watched more closely. Sure enough, the PTT light would flicker and the ammeter on the power supply driving the xcvr whold flick even tho the xcvr itself gave no indication. Now if my neighbor will just turn on his set so I can connect ...

Thanks everybody & 73!
KA3DWW

1845. Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 17:33:28 UTC
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
Message-ID: <mfrpu9g3x93.fsf@panix1.panix.com>
Source record: 7883

I'm looking for a sound generator program to use in testing my soundcard. I've got Gram to use on another comouter to look at the output, but want a generator to produce waveforms for testing.

This is all for making sure that the built-in sound chips in my laptop are of good quality for RTTY and PSK31 work.

73, doug

1846. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 20:32:41 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <JdTi7.19$Hx1.5976@news7.onvoy.net>
Source record: 7884

Does anyone know of any current implementations of AX.25 encapsulation in UDP? It looks very straighforward, however if there is an 'unofficial' standard in this regard I would be interested in knowing about it...there could be some aspects that have not occured to me.

Ron N5IN

1847. AX.25 encapsulation in UDP

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 21:11:35 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <bOTi7.20$Hx1.6389@news7.onvoy.net>
Source record: 7885

Does anyone know of any current implementations of AX.25 encapsulation in UDP? It looks very straighforward, however if there is an 'unofficial' standard in this regard I would be interested in knowing about it...there could be some aspects that have not occured to me.

Ron N5IN

1848. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 21:25:45 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oo32p.q55.nomail@linux.pe1chl.ampr.org>
Source record: 7886

Ron <no-spam@nospamX.com> wrote:
>Does anyone know of any current implementations of AX.25 encapsulation in
>UDP? It looks very straighforward, however if there is an 'unofficial'
>standard in this regard I would be interested in knowing about it...there
>could be some aspects that have not occured to me.

It is done the same way as for AX.25 in IP.
UDP port number seems to be 10093 by default, but that number has not
been registered.

(why are radio amateurs often using unregistered port numbers? it is
straightforward to register them)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1849. Software Defined Radio article

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 21:45:49 UTC
From: Unclaimed Mysteries <k4doh@mindspring.com>
Message-ID: <9mh3g6$la1$1@slb6.atl.mindspring.net>
Source record: 7887
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc

http://www.e-insite.net/commvergemag/index.asp?layout=article&articleid=CA149525&pubdate=8/1/01&

Also a current topic on Slashdot http://www.slashdot.org
in case the above URL gets mangled in IE.

--
It Came From C. L. Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net/

April Llewellyn wrote: "I love you, unclaimed mysteries person. =o) Well, not really, since I have no clue who you are, but GOD, sarcasm! So refreshin! (^__^)"

1850. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 22:05:36 UTC
From: Ron <no-spam@nospamX.com>
Message-ID: <QAUi7.21$Hx1.7437@news7.onvoy.net>
Source record: 7888

Rob....

Can you tell me where you got this default port number (10093)?

And yes I have seen how to register these...might be worthwhile, unless its
expensive...hopefully not.

Ron N5IN

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9oo32p.q55.nomail@linux.pe1chl.ampr.org...
> Ron <no-spam@nospamX.com> wrote:
> >Does anyone know of any current implementations of AX.25 encapsulation in
> >UDP? It looks very straighforward, however if there is an 'unofficial'
> >standard in this regard I would be interested in knowing about it...there
> >could be some aspects that have not occured to me.
>
> It is done the same way as for AX.25 in IP.
> UDP port number seems to be 10093 by default, but that number has not
> been registered.
>
> (why are radio amateurs often using unregistered port numbers? it is
> straightforward to register them)
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

1851. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 23:36:33 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <5WVi7.1832$KV3.141988@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7889

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9oo32p.q55.nomail@linux.pe1chl.ampr.org...
> Ron <no-spam@nospamX.com> wrote:
> >Does anyone know of any current implementations of AX.25 encapsulation in
> >UDP? It looks very straighforward, however if there is an 'unofficial'
> >standard in this regard I would be interested in knowing about it...there
> >could be some aspects that have not occured to me.
>
> It is done the same way as for AX.25 in IP.
> UDP port number seems to be 10093 by default, but that number has not
> been registered.
>
> (why are radio amateurs often using unregistered port numbers? it is
> straightforward to register them)

Why don't you register it?

--

... Hank

http://horedson.home.att.net

1852. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-28 23:41:57 UTC
From: Steve Sampson <k5okc@home.com>
Message-ID: <9%Vi7.53399$c8.23505035@news1.denver1.co.home.com>
Source record: 7890

The hobby is dynamic enough, that 2 years from now we
will all be doing something different.

"Rob Janssen" <nomail@rob.knoware.nl> wrote
>
> (why are radio amateurs often using unregistered port numbers? it is
> straightforward to register them)

1853. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 01:46:04 UTC
From: Ron <no.spam@nos.pam>
Message-ID: <KOXi7.1744$tV6.66520@eagle.america.net>
Source record: 7891

Once I am satisfied with it, Ill announce it here and I will register the
port.

Ron

"Hank Oredson" <horedson@att.net> wrote in message
news:5WVi7.1832$KV3.141988@bgtnsc04-news.ops.worldnet.att.net...
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn9oo32p.q55.nomail@linux.pe1chl.ampr.org...
> > Ron <no-spam@nospamX.com> wrote:
> > >Does anyone know of any current implementations of AX.25 encapsulation
in
> > >UDP? It looks very straighforward, however if there is an 'unofficial'
> > >standard in this regard I would be interested in knowing about
it...there
> > >could be some aspects that have not occured to me.
> >
> > It is done the same way as for AX.25 in IP.
> > UDP port number seems to be 10093 by default, but that number has not
> > been registered.
> >
> > (why are radio amateurs often using unregistered port numbers? it is
> > straightforward to register them)
>
> Why don't you register it?
>
> --
>
> ... Hank
>
> http://horedson.home.att.net
>
>
>

1854. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 07:35:45 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9op6qg.t5k.nomail@linux.pe1chl.ampr.org>
Source record: 7893

Steve Sampson <k5okc@home.com> wrote:
>The hobby is dynamic enough, that 2 years from now we
>will all be doing something different.

>"Rob Janssen" <nomail@rob.knoware.nl> wrote

>> (why are radio amateurs often using unregistered port numbers? it is
>> straightforward to register them)

I have seen people on the "worldwide chat" for many years, and they have
never bothered to register a port for it. They just hijacked 3600.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1855. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 07:41:48 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9op75s.t5k.nomail@linux.pe1chl.ampr.org>
Source record: 7892

Ron <no-spam@nospamX.com> wrote:
>Rob....

>Can you tell me where you got this default port number (10093)?

It is the default in the Linux implementation.

>And yes I have seen how to register these...might be worthwhile, unless its
>expensive...hopefully not.

I have registered a couple of ports and it cost nothing. But that was
before the .com hype.

Recently I registered an organization Unique-ID at IANA and it still
cost nothing. So maybe it is still possible.

However, it seems to be not so simple to register an existing practice.
I tried to convince them that existing practice for the port numbers I
was registering was to use port XXX but they still gave me other numbers
(459, 1535, 1536).

In fact, I am not using 1536/udp right now and you could use it for the
AX.25 n UDP tunnel.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

1856. help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 13:00:41 UTC
From: Spyros Kintzonides <spkintz@the.forthnet.gr>
Message-ID: <999090038.324757@athnrd02.forthnet.gr>
Source record: 7894

I have an old SHARP laptop 8088 cpu running under MS DOS 3.3 and GW basic 3,2. Is ti possible to connect with this computer to my local bbs to read and send packet messages, and view packet cluster activity? And if it is possible, which software i must run under dos 3.3?
Any suggestions? The tnc is a baycom type tcm 3105. Can someone help me?
Thank you and best 73 de sv2bxc.

1857. Re: help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 13:26:36 UTC
From: nielsen@remove_this.oz.net
Message-ID: <9miqic$eg4$0@216.39.171.5>
Source record: 7895

On Wed, 29 Aug 2001 16:00:41 +0300, Spyros Kintzonides wrote:
> I have an old SHARP laptop 8088 cpu running under MS DOS 3.3 and GW basic
> 3,2. Is ti possible to connect with this computer to my local bbs to read
> and send packet messages, and view packet cluster activity? And if it is
> possible, which software i must run under dos 3.3?
> Any suggestions? The tnc is a baycom type tcm 3105. Can someone help me?
> Thank you and best 73 de sv2bxc.

I suggest you get the baycom software, which is designed for this
board. It runs on DOS and consists of a TSR which controls the Baycom
modem via a serial port plus a terminal program.

See http://www.baycom.org

Bob, N7XY

1858. BEST SOFTWAREZ DIGI RADIO SITE !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 15:56:46 UTC
From: QRZ <dogd@madasafish.com>
Message-ID: <Yg8j7.2415$wX5.250648@news6-win.server.ntlworld.com>
Source record: 7896

This has got to be the best dam radio WAREZ SITE on the NET. For direct FTP downloads and links. Go to the URL below. I was surprised @ how easy it was to download these files. There are no advertising banners or other profit making gimmicks. No silly re directs and misleading info. One thing though when you visit the site be sure to sign the guest book. And also vote for the SITE by clicking the ADD FREE STATS ICON @ the bottom of the page. By voting on the site, you are supporting it. No votes = SITE removal. As a lot of hard work goes into this SITE. Any files or Serials ETC not available from the SITE please submit to the email address on the page. Have fun and enjoy the DIGITAL RADIO MODES. It's about time that these software developers realise that when they charge ridiculous prices for software. They are going to force PIRACY on there selves and products. Reasonably priced software can be obtained but programmes are few and far between. If you like these products purchase them.

Regards
DE: GM4 ???

http://freespace.virgin.net/dx.dx/index.html

1859. Re: AX/IP (IP Protocol 93) transition to UDP (IP Protocol 17)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 21:48:48 UTC
From: Terry Dawson <terry@animats.net>
Message-ID: <3B8D6340.70701@animats.net>
Source record: 7898

Ron wrote:
> Does anyone know of any current implementations of AX.25 encapsulation in
> UDP? It looks very straighforward, however if there is an 'unofficial'
> standard in this regard I would be interested in knowing about it...there
> could be some aspects that have not occured to me.

The AX25IP daemon for unix and more recently for Linux support UDP encapsulation of AX.25. You can find a copy of it on ftp.ucsd.edu or as part of any current Linux ax25-tools package.

regards
Terry

1860. Re: BEST SOFTWAREZ DIGI RADIO SITE !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-29 23:24:41 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <ZQej7.2315$151.123318@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7897

Well, here is your first "no" vote!

--

... Hank

http://horedson.home.att.net

"QRZ" <dogd@madasafish.com> wrote in message
news:Yg8j7.2415$wX5.250648@news6-win.server.ntlworld.com...
> This has got to be the best dam radio WAREZ SITE on the NET. For direct FTP
> downloads and links. Go to the URL below. I was surprised @ how easy it was
> to download these files. There are no advertising banners or other profit
> making gimmicks. No silly re directs and misleading info. One thing though
> when you visit the site be sure to sign the guest book. And also vote for
> the SITE by clicking the ADD FREE STATS ICON @ the bottom of the page. By
> voting on the site, you are supporting it. No votes = SITE removal. As a lot
> of hard work goes into this SITE. Any files or Serials ETC not available
> from the SITE please submit to the email address on the page. Have fun and
> enjoy the DIGITAL RADIO MODES. It's about time that these software
> developers realise that when they charge ridiculous prices for software.
> They are going to force PIRACY on there selves and products. Reasonably
> priced software can be obtained but programmes are few and far between. If
> you like these products purchase them.
>
> Regards
> DE: GM4 ???
>
> http://freespace.virgin.net/dx.dx/index.html
>
>
>
>

1861. DATA PLUG WIRING

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-30 01:25:34 UTC
From: rong@computer.net
Message-ID: <3b8d95ea.5562707@news.computer.net>
Source record: 7902

Hi All,

I just got a brand new Yaesu FT-1500. I want to hook up my PK-232 TNC to its data jack. In the manual it gives the pin outs for the jack, and on the schematic it shows a diagram of the jack and the position of the terminals. However, it does not say if the diagram is shown looking from the outside or from the inside of the radio. Has anyone figured this out ???? How on earth do you solder your cable onto the pins of the mini din 6 pin plug--it's so small, and the pins are solid--not hollow like a standard din plug.

****
Ron Goldstein.....KA2IIA
STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE.
KEEP YOUR MIND ACTIVE---BECOME AN AMATEUR RADIO OPERATOR.

REMEMBER, THERE ARE NO STRANGERS IN AMATEUR RADIO, ONLY FRIENDS
THAT WE HAVE NOT YET MET.
rong@computer.net******ka2iia@arrl.net

1862. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-30 17:40:32 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0108300940.77719cab@posting.google.com>
Source record: 7899

Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com> wrote in message news:<mfrpu9g3x93.fsf@panix1.panix.com>...

> I'm looking for a sound generator program to use in testing my

> soundcard. I've got Gram to use on another comouter to look at the

> output, but want a generator to produce waveforms for testing.

>

> This is all for making sure that the built-in sound chips in my laptop

> are of good quality for RTTY and PSK31 work.

Any particular cause for concern?

The problem is that you'll need a significantly better
sound card to measure the output and provide meaningful
results. And since sound card output is already pretty
good (80-90 dB SNR from cheap cards), that's a tall order.

RTTY and PSK31 have minimal audio output requirements -
if the sound hardware isn't up to such a trivial task
it's defective, and will be very obviously so.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

1863. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-30 18:09:55 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B8E8173.FEB50153@dialpoint.net>
Source record: 7900

While the sound cards will generate and decode the psk31 and rtty tones
if they are working at all, the purity of the tones may be of some
concern on rtty. I don't know enough about the way psk31 is classified
to speak of it, but when audio is fed into the mic input to generate
rtty (fsk) it needs to be almost a pure sine wave. If the audio tones
are much below 2 khz this is especially important. The reason being
that if the audio is not pure then excessive sidebands are generated and
that is not legal. Suspose the tones being used are 1000 hz and 1170
hz. The second harmonic will be 2000 and 2340 hz . This is within the
pass band of the ssb filter. You will be sending out 2 signals instead
of one. The second will have 340 hz shift. While any audio tone can be
used to generate rtty, it is best if tones around 2 khz are used so the
second harmonic will be out of the passband of the ssb filter.

> > I'm looking for a sound generator program to use in testing my
>
> > soundcard. I've got Gram to use on another comouter to look at the
>
> > output, but want a generator to produce waveforms for testing.
>
> >
>
> > This is all for making sure that the built-in sound chips in my laptop
>
> > are of good quality for RTTY and PSK31 work.
>
> Any particular cause for concern?
>
> The problem is that you'll need a significantly better
> sound card to measure the output and provide meaningful
> results. And since sound card output is already pretty
> good (80-90 dB SNR from cheap cards), that's a tall order.
>
> RTTY and PSK31 have minimal audio output requirements -
> if the sound hardware isn't up to such a trivial task
> it's defective, and will be very obviously so.
>
>

1864. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-30 22:27:10 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0108301427.6d3fa090@posting.google.com>
Source record: 7901

Ralph Mowery <rmowery@dialpoint.net> wrote in message
news:<3B8E8173.FEB50153@dialpoint.net>...

> While the sound cards will generate and decode the psk31 and rtty tones

> if they are working at all, the purity of the tones may be of some

> concern on rtty. I don't know enough about the way psk31 is classified

> to speak of it, but when audio is fed into the mic input to generate

> rtty (fsk) it needs to be almost a pure sine wave. If the audio tones

> are much below 2 khz this is especially important. The reason being

> that if the audio is not pure then excessive sidebands are generated and

> that is not legal. Suspose the tones being used are 1000 hz and 1170

> hz. The second harmonic will be 2000 and 2340 hz . This is within the

> pass band of the ssb filter. You will be sending out 2 signals instead

> of one. The second will have 340 hz shift. While any audio tone can be

> used to generate rtty, it is best if tones around 2 khz are used so the

> second harmonic will be out of the passband of the ssb filter.

How pure is pure?

If the application is generating 8 bit samples the
theoretical SNR is 48 dB. For 16 bit samples it's 96 dB
and is thus limited by the analogue circuits to the
usual 70-80 dB the manufacturers quote.

If you actually get 80 dB SNR on received over the air
signals you should reduce your transmit power.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

1865. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 08:44:13 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9oujit.ete.nomail@linux.pe1chl.ampr.org>
Source record: 7903

Ralph Mowery <rmowery@dialpoint.net> wrote:
>While the sound cards will generate and decode the psk31 and rtty tones
>if they are working at all, the purity of the tones may be of some
>concern on rtty. I don't know enough about the way psk31 is classified
>to speak of it, but when audio is fed into the mic input to generate
>rtty (fsk) it needs to be almost a pure sine wave. If the audio tones
>are much below 2 khz this is especially important. The reason being
>that if the audio is not pure then excessive sidebands are generated and
>that is not legal. Suspose the tones being used are 1000 hz and 1170
>hz. The second harmonic will be 2000 and 2340 hz . This is within the
>pass band of the ssb filter. You will be sending out 2 signals instead
>of one. The second will have 340 hz shift. While any audio tone can be
>used to generate rtty, it is best if tones around 2 khz are used so the
>second harmonic will be out of the passband of the ssb filter.

This is a valid concern, but it is not specific to soundcards.
Any system that users audio-fsk and an SSB transmitter to generate FSK
suffers from this. It is a defect in the method of FSK generation, not
a problem of the soundcard. And you will probabably have a hard time to
construct a shiftable sine wave generator in hardware that performs nearly
as good as a soundcard in this respect.

When evaluating the soundcard, it is probably better to focus on hum and
wideband noise. The linearity (which will affect what you describe as the
"purity") will most likely not be the problem. Especially because
linearity is only affected by the design of the chip, while hum and noise
are also affected by board design, cabling, ground loop issues, RFI issues
etc.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1866. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 11:07:15 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3B8F6FE3.4039303C@dialpoint.net>
Source record: 7904

The hardwear problem was solved years ago. I don't recall if a square wave or a triangle wave is generated then sent to a low pass filter. I still have one around here somewhere I built years ago before the computers were used. Designed by Ivan Hoff, one of the rtty men around the mid 60's.

>
> This is a valid concern, but it is not specific to soundcards.
> Any system that users audio-fsk and an SSB transmitter to generate FSK
> suffers from this. It is a defect in the method of FSK generation, not
> a problem of the soundcard. And you will probabably have a hard time to
> construct a shiftable sine wave generator in hardware that performs nearly
> as good as a soundcard in this respect.
>
> W

1867. Re: DATA PLUG WIRING

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 15:49:23 UTC
From: Bill Turner <w7ti@dslextreme.com>
Message-ID: <hecvot4fsnoksoroge734vouaqu1hva8rr@4ax.com>
Source record: 7905

On Thu, 30 Aug 2001 01:25:34 GMT, rong@computer.net (Ron Goldstein)
wrote:

>However, it does not say if the diagram is shown looking from the outside or
>from the inside of the radio.

I don't have one of those, but plugs usually have the pin numbers
printed next to the pin. Use a magnifier and see if you can find them.
Look on both sides.

73, Bill W7TI

1868. Re: DATA PLUG WIRING

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 17:16:03 UTC
From: jdouglas@timewave.com
Message-ID: <3b8fc003.83983494@news.mcleodusa.net>
Source record: 7906

Hello Ron,

Here at Timewave, we have not seen the FT-1500 manual so I can't give
you a tested wirking diagram. BUT if Yaesu has actually done the same
design twice in a row you'll find a 6-pin min-din DATA jack on the
radio. The jack as viewed from the rear panal is:

U
6 5
4 3
2 1

Connect as follows

PK-232 radio jack FT-1500 data jack
Pin 2<------------------------------> Pin 1 PKD TX data
Pin 4 <------------------------------> Pin 2 Gnd
Pin 5 <------------------------------> Pin 3 PKS (PTT for us old guys)
Pin 1 <------------------------------> Pin 5 1200 baud packet RX data

If your data jack is not as described, give me a call at (651)
4389-5080 and I'll figure out what you need.

73
John Douglas N&#65533;ISL
Sales Manager
Timewave Technology

On Thu, 30 Aug 2001 01:25:34 GMT, rong@computer.net (Ron Goldstein)
wrote:

>Hi All,
>
> I just got a brand new Yaesu FT-1500. I want to hook up my PK-232 TNC to
>its data jack. In the manual it gives the pin outs for the jack, and on the
>schematic it shows a diagram of the jack and the position of the terminals.
>However, it does not say if the diagram is shown looking from the outside or
>from the inside of the radio. Has anyone figured this out ???? How on earth do
>you solder your cable onto the pins of the mini din 6 pin plug--it's so small,
>and the pins are solid--not hollow like a standard din plug.
>
>**
> Ron Goldstein.....KA2IIA
> STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE.
> KEEP YOUR MIND ACTIVE---BECOME AN AMATEUR RADIO OPERATOR.
>
>REMEMBER, THERE ARE NO STRANGERS IN AMATEUR RADIO, ONLY FRIENDS

> THAT WE HAVE NOT YET MET.
> rong@computer.net******ka2iia@arrl.net

1869. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 17:37:48 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0108310937.3812bc94@posting.google.com>
Source record: 7907

Ralph Mowery <rmowery@dialpoint.net> wrote in message
news:<3B8F6FE3.4039303C@dialpoint.net>...

> The hardwear problem was solved years ago. I don't recall if a square

> wave or a triangle wave is generated then sent to a low pass filter. I

> still have one around here somewhere I built years ago before the

> computers were used. Designed by Ivan Hoff, one of the rtty men around

> the mid 60's.

The SNR from a sound card is significantly better than
FM broadcast, and approaches CD quality. Is your hardware
modulator that good? And what about the transmitter
it feeds?

Numbers, please. Otherwise it's the same old Good-Old-
Days-all-modern-technology-is-crap line.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

1870. Re: BEST SOFTWAREZ DIGI RADIO SITE !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 17:45:56 UTC
From: jdouglas@timewave.com
Message-ID: <3b8fcc74.87169128@news.mcleodusa.net>
Source record: 7908

And a second NO vote. Any site that uses a pirate symbol and offers
pirated softwrae gets a strong "NO" and the best wishes that the site
be removed from the web. Any site with crack or krack in the URL
deserves the same fate.

73

John N◆ISL

On Wed, 29 Aug 2001 16:56:46 +0100, "QRZ" <dogd@madasafish.com> wrote:

>This has got to be the best dam radio WAREZ SITE on the NET. For direct FTP
>downloads and links. Go to the URL below. I was surprised @ how easy it was
>to download these files. There are no advertising banners or other profit
>making gimmicks. No silly re directs and misleading info. One thing though
>when you visit the site be sure to sign the guest book. And also vote for
>the SITE by clicking the ADD FREE STATS ICON @ the bottom of the page. By
>voting on the site, you are supporting it. No votes = SITE removal. As a lot
>of hard work goes into this SITE. Any files or Serials ETC not available
>from the SITE please submit to the email address on the page. Have fun and
>enjoy the DIGITAL RADIO MODES. It's about time that these software
>developers realise that when they charge ridiculous prices for software.
>They are going to force PIRACY on there selves and products. Reasonably
>priced software can be obtained but programmes are few and far between. If
>you like these products purchase them.
>
>Regards
>DE: GM4 ???
>
>http://freespace.virgin.net/dx.dx/index.html
>
>
>
>

1871. RE: DATA PLUG WIRING--PROBLEM SOLVED--MAYBE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 22:39:43 UTC
From: rong@computer.net
Message-ID: <3b901069.4210656@news.computer.net>
Source record: 7909
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Well, I have the solution to my problem. I needed to hook up my AEA PK232 to my new Yaesu FT-1500. The radio has a mini 6 pin din socket in the rear for data. Well, I went to Radio Shack and bought a mini 6 pin din plug--Have any of you tried to solder 5 wires onto a 6 pin mini din plug---IMPOSSIBLE. Many of you E-mailed me and said to find an old broken keyboard with a PS-2 plug--it's a 6 pin mini din---couldn't find any. So, I looked again in the R/S catalog, and lo & behold, they have a PS-2 keyboard extension cable--PROBLEM HOPEFULLY SOLVED. I"ll find out tomorrow morning when I go over there to buy it. I hope they have it in stock. Thanks to all for the helpful hints.
****
Ron Goldstein.....KA2IIA
STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE.
KEEP YOUR MIND ACTIVE---BECOME AN AMATEUR RADIO OPERATOR.

REMEMBER, THERE ARE NO STRANGERS IN AMATEUR RADIO, ONLY FRIENDS THAT WE HAVE NOT YET MET.
rong@computer.net******ka2iia@arrl.net

1872. Re: DATA PLUG WIRING--PROBLEM SOLVED--MAYBE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-08-31 23:48:50 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B90225C.4060207@dioxine.com>
Source record: 7910
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Yeah, an extension cable does the trick. I got one at the local
computer store for $4 when I needed one; see

http://www.dioxine.com/~dana/ft847_pkt.html

for how I made a cable for my FT-847; I suspect all the modern
Yaesus use the same connector for packet.

Easy as pie.

Dana K6JQ
dana@dioxine.com

Ron Goldstein wrote:

> Well, I have the solution to my problem. I needed to hook up my AEA PK232 to my
> new Yaesu FT-1500. The radio has a mini 6 pin din socket in the rear for data.
> Well, I went to Radio Shack and bought a mini 6 pin din plug--Have any of you
> tried to solder 5 wires onto a 6 pin mini din plug---IMPOSSIBLE. Many of you
> E-mailed me and said to find an old broken keyboard with a PS-2 plug--it's a 6
> pin mini din---couldn't find any. So, I looked again in the R/S catalog, and lo
> & behold, they have a PS-2 keyboard extension cable--PROBLEM HOPEFULLY
> SOLVED. I"ll find out tomorrow morning when I go over there to buy it. I hope
> they have it in stock. Thanks to all for the helpful hints.
> **
> Ron Goldstein.....KA2IIA
> STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE.
> KEEP YOUR MIND ACTIVE---BECOME AN AMATEUR RADIO OPERATOR.
>
> REMEMBER, THERE ARE NO STRANGERS IN AMATEUR RADIO, ONLY FRIENDS
> THAT WE HAVE NOT YET MET.
> rong@computer.net******ka2iia@arrl.net
>

1873. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-01 14:24:00 UTC
From: vrbalthezr@earthlink.net
Message-ID: <906d17eb.0109010623.52346f8b@posting.google.com>
Source record: 7911

Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com> wrote in message
news:<mfrpu9g3x93.fsf@panix1.panix.com>...
> I'm looking for a sound generator program to use in testing my
> soundcard. I've got Gram to use on another comouter to look at the
> output, but want a generator to produce waveforms for testing.
>
> This is all for making sure that the built-in sound chips in my laptop
> are of good quality for RTTY and PSK31 work.
>
> 73, doug

If it helps, I have a soundcard-based oscillator and spectrum analyzer
that measures THD, S/N, etc for download on my freeware page at:

http://geocities.com/vrbalthezr/index.html

73, Vic WA7NBI

1874. Re: DATA PLUG WIRING--PROBLEM SOLVED--MAYBE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-01 17:44:36 UTC
From: Allodoxaphobia <QSB@QRM-QRN.net>
Message-ID: <slrn9p27k3.vvr.QSB@animas.frontier.net>
Source record: 7912
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

On Fri, 31 Aug 2001 22:39:43 GMT, Ron Goldstein scribbled:
> Well, I have the solution to my problem. I needed to hook up my AEA PK232 to my
> new Yaesu FT-1500. The radio has a mini 6 pin din socket in the rear for data.
> Well, I went to Radio Shack and bought a mini 6 pin din plug--Have any of you
> tried to solder 5 wires onto a 6 pin mini din plug---IMPOSSIBLE. Many of you
> E-mailed me and said to find an old broken keyboard with a PS-2 plug--it's a 6
> pin mini din---couldn't find any. So, I looked again in the R/S catalog, and lo
> & behold, they have a PS-2 keyboard extension cable--PROBLEM HOPEFULLY
> SOLVED. I"ll find out tomorrow morning when I go over there to buy it. I hope
> they have it in stock. Thanks to all for the helpful hints.
> **
> Ron Goldstein.....KA2IIA

Another solution would be to pick up a 'used' mouse at the local
GoodWill Store, Savers, or the such _with_ that style plug (PS/2).
It's almost a given that it'll be defective - but, if all you want
is the cable + molded plug, it'll probably be just the ticket and
at a decent price.

HTH,
Jonesy
--
| Marvin L Jones | jonz | W3DHJ | OS/2
| Gunnison, Colorado | @ | Jonesy | linux __
| 7,703' -- 2,345m | frontier.net | DM68mn SK

1875. Handheld to tnc help needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 09:15:51 UTC
From: Spyros Kintzonides <spkintz@the.forthnet.gr>
Message-ID: <999422147.965977@athnrd02.forthnet.gr>
Source record: 7913

Does someone know how to connect my icom w2e handheld to baycom? Does anyone know or have the wiring diagram to send me by mail?
spkintz@the.forthnet.gr
I try to find the connections at many web pages but i cannot. Thank you again and best 73!

1876. Re: Sound card testing suite??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 10:40:18 UTC
From: hamish@cloud.net.au
Message-ID: <m0ok7.1424$L3.3428@news1.eburwd1.vic.optushome.com.au>
Source record: 7914

Ralph Mowery <rmowery@dialpoint.net> wrote:
> While the sound cards will generate and decode the psk31 and rtty tones
> if they are working at all, the purity of the tones may be of some
> concern on rtty. I don't know enough about the way psk31 is classified
> to speak of it, but when audio is fed into the mic input to generate
> rtty (fsk) it needs to be almost a pure sine wave. If the audio tones
> are much below 2 khz this is especially important. The reason being
> that if the audio is not pure then excessive sidebands are generated and
> that is not legal.

This situation exists with PSK31 too. Overdriven signals cause harmonics
just the same as you said above -- an overdriven 1kHz signal can be
heard at 2kHz etc. It is very unpleasant to listen to. The 31Hz signal
gets very wide too, very quickly.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1877. Re: Handheld to tnc help needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 15:39:55 UTC
From: Gary Fiber <g.fiber@verizon.net>
Message-ID: <epsk7.247$KG.187225@paloalto-snr1.gtei.net>
Source record: 7915

Connects like a W2A. Look at the Baycom as I think it already has the capacitor and resistor required. You will just need to close a jumper to enable.
If not use the standard Icom wiring and apply the cap-resistor network in the correct location. below listed is the way the two jacks are wired within the radio.

Tip is the very pointed end, Ring is the terminal that is between the two black bands and the Sleeve is the long part of the plug on the end you attach the wires to.

Mic Speaker jack

Tip - Speaker Audio
Ring - Mic Audio and PTT
Sleeve - Ground

Sub Band speaker Jack

Tip - Sub Band Audio
Ring - +5 volts @ 3mA for powering the HS-60 headset, does not hurt if shorted by a monoural plug
Sleeve - Ground

Generally you use a 0.47 uF cap in series with the TNC audio line a 4.7 K Ohm resistor in series with the PTT line, connecting them both together at the Ring terminal of the Mic Speaker jack. If the Baycom does not have this network built in I would build it in a very small box and just attach to the speaker and the mic terminals, use the 2nd jack for the ground connection unles you are real good at making wire connections to a 3.5 mm stereo plug.

Make sure the power saver feature is disabled on the W2E

Gary K8IZ

"Spyros Kintzonides" <spkintz@the.forthnet.gr> wrote in message news:999422147.965977@athnrd02.forthnet.gr...
> Does someone know how to connect my icom w2e handheld to baycom? Does anyone
> know or have the wiring diagram to send me by mail?
> spkintz@the.forthnet.gr
> I try to find the connections at many web pages but i cannot. Thank you
> again and best 73!
>
>
>

1878. Eeprom firmware for PaCom tiny 2

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 20:04:20 UTC
From: KT4WZ <kt4wz@home.com>
Message-ID: <8hwk7.144633$k7.36930815@news1.rdc1.tn.home.com>
Source record: 7916

Hello All,
I have 4 Mk 2 Tiny 2 PaCcom tnc's that have no Eeprom's
I have a burner and the blanks but no firmware to put on them.I
dont have to have the latest greatest firmware just something that will
work.The club budget is very small for this project
and we cant really afford to buy the new version 5 firmware
chips for 4 tnc's If someone could point me in the right direction
I would appreciate it very much.
Thanks and best regards
Chet kt4wz
Stones River Amateur Radio Club (SRARC) K4FUN

--
Chet A. Konkle
http://members.home.com/kt4wz/
http://members.home.com/1968gmc/

1879. Kantronics KPC vs MFJ TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 20:56:18 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tp57a7rla9086c@corp.supernews.com>
Source record: 7917

I just acquired a KPC3 (version 6.0 firmware). I already own an MFJ 1278B. With my MFJ, I can leave the squelch open and the TNC knows that there is not a digital signal being received until one is actually sent. With the KPC3, if the squelch is open on the receiver, the KPC3 will not allow the xceiver to transmit until the squelch is closed. The MFJ way seems to be superior, but I cannot believe with Kantronics reputation that they had not improved their TNC's to have true DCD. Am I missing something in the Kantronics command set, or is this indeed the case.

Thanks,

Duffy

1880. Re: Beware of Auburn Metrology Labs Inc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 22:13:40 UTC
From: John Strand <w6ibl@ncinternet.net>
Message-ID: <3b92afe3$0$9050@wodc7nh0.news.uu.net>
Source record: 7918
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.swap,rec.radio.scanner

Another perspective:

I have dealt with Mr. Knowles and his companies for the last 16 years on a fairly regular basis. I have always found them to be responsive, competent, and responsible. Hopefully, whatever went wrong was the exception rather than the rule.

Just my opinion.....

John Strand W6IBL

"Donald E. Smith" <desmith@innercite.com> wrote in message news:3B897BB9.285D4598@innercite.com...
> I too, am in the repair business and do not take lightly the ethics of repair.
> They had the equipment for almost a year and never even opened it up. They never
> responded to my requests for an update or sent me any kind of communications
> regarding the status of its repair. If you or I ever ran our business that way
> we would not be able to enjoy our good reputations. Don
>
> Neville Y wrote:
>
> > Sorry Donald, I really do not understand your need to express your views
> > here. As I read your post you paid $110 when they estimated "under $300". We
> > have your side of the story and I do believe you version, but I think it is
> > fair to have the other side. I am involved in servicing and while perhaps
> > 95% of all repairs are straightforward, some do go wrong. I'm not really
> > trying to give excuses, but some of the problems I have encountered include.
> > Leaving a message at the contact phone number regarding repair and they do
> > not pass it on (they will never admit this later).
> > Wrong phone number supplied.
> >
> > No response to phone calls (or message left). Please understand I may have
> > 50 repairs at any one time and I can not call each client 5 times daily
> > (work it out).

> > Email can be impossible. I often receive over 300 messages per day. How
can
> > I read or replay to them all and still have time to repair your radio?
> >
> > I have also hung up on callers. Some can never see reason.
> > No doubt others have had bad servicing experiences, but many will have
good
> > ones. We will always hear the complaints.
> >
> > Best Regards
> > Neville
> >
> > "Donald E. Smith" <desmith@innercite.com> wrote in message
> > news:3B7C1DDB.53B4193B@innercite.com...
> > > This is a warning notice to all in radio land about a test equipment
> > > company located in Auburn, KY. They are Auburn Metrological Labs at
> > > 12345 Bowling Green Road, Auburn KY. 42206. Their number is 270
> > > 542-6000.
> > >
> > > Based on information given to me by their General Manager, Ken
Knowles,
> > > they would be able to repair my Cushman CE-50 that was having a
receive
> > > problem. It generated fine and all pll were locking fine. They gave
me
> > > an estimate of under $300.00 with a turnaround of about one week. I
> > > sent it to them for repair on February 24, 2001 based on this
> > > information. After a couple of months went by without even an
> > > acknowledgment of receiving it, I tried to contact them by telephone
and
> > > email. Still I received no information on it and after numerous
emails
> > > and a couple of letters, one being a legal demand letter, the unit
> > > showed up at my door with a 110.00 COD charge. After contacting the
> > > company I was advised that Ken Knowles was on vacation and the service
> > > manager was arrogant, rude and even hung up on me. If you value your
> > > equipment and it is in need of repairs or calibration, PLEASE do Not
> > > send it to them. You will regret it.
> > >
> > > My options, against them, are not exhausted but I would rather have
> > > never had the problem to begin with. It has the tendency to taint all
> > > repair facilities. This outfit was recommended by a person from one
of
> > > the amateur news groups. I hope I have prevented any grief for others
> > > by this post. Thanks for listening to my ranting. 73's Don Smith
> > > KB6GQA
> > >
>

1881. Re: Kantronics KPC vs MFJ TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-02 23:41:48 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <Gozk7.228732$rV6.10549590@e420r-atl2.usenetserver.com>
Source record: 7919

Duffy,

Send the command CD SOFTWARE for use with open squelch.

The default is CD INTERNAL which requires a squelched circuit.

If you need the manual, they have the KPC-3 Plus manual on the Kantronics site.

http://www.kantronics.com

Rick - W4PC

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:tp57a7rla9086c@corp.supernews.com...
> I just acquired a KPC3 (version 6.0 firmware). I already own an MFJ 1278B.
> With my MFJ, I can leave the squelch open and the TNC knows that there is
> not a digital signal being received until one is actually sent. With the
> KPC3, if the squelch is open on the receiver, the KPC3 will not allow the
> xceiver to transmit until the squelch is closed. The MFJ way seems to be
> superior, but I cannot believe with Kantronics reputation that they had not
> improved their TNC's to have true DCD. Am I missing something in the
> Kantronics command set, or is this indeed the case.
>
> Thanks,
>
> Duffy
>
>

1882. MixW RC11 software ready for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-03 02:02:48 UTC
From: Jim Jaffe <jaffejim@erols.com>
Message-ID: <9muocb$8v3$1@bob.news.rcn.net>
Source record: 7920

Greeting fellow Warblers.. happy to announce that MixW RC11 has been finally uploaded to the American Site which is www.nvbb.net/~jaffejim/mixwpage.htm Due to a Virus attack at our Kiev Site there was this delay... This is the complete list of changes made to MixW software... RC#11 expires on the 1st of October.. happy warbling.. and good luck.. Jim, WA2VOS

MixW version 2 Release Candidate 2
SSTV mode
SSTV is accessible from menus
History tab is added
CAT changes
IC 756 PRO has been added to the list
FT 847 PTT bug fixed
ICOM PTT via CAT COMMAND implemented
MACROS <CATCMD:asciicmd> and <CATCMDHEX:hex bytes> are added. Example of usage:
<CATCMD:FE FE 56 E0 1C 00 01 FD>. This let you send any CAT command to the TRCVR.
Log bar
Lookup call button (Alt+K) has been added
New macros
<SELCALL>, <SELNAME>, <SELQTH>, <SELRSTR>, <SELRSTS>, <SELNRR>, <SELNRS> mean the
same as <CALL>, <NAME> etc but for selected line in the log bar.
<CATCMD:asciicmd> and <CATCMDHEX:hex bytes> (see CAT changes)
MixW version 2 Release Candidate 3
-(!) INI files are no longer stored in WINDOWS folder.
Move all MixW*.ini and all .mc files to MixW folder.

- SSTV
- Crash bug has been found and fixed.
- Right click on history bitmap shows it full-sized (only if it was auto-saved)
- R36 and R72 modes added
- Settings dialog is modified. AutoSave and Open Picture do not work, will add them tomorrow before annoucing RC3.
- Video ID
- This is a new feature to transmit Video ID visible on the waterfall Since the power is divided by all points transmitted at the same time, do not make long horizontal lines.
- Two VID samples re added : butterfly.bmp and mixw.bmp
- MACROS for SSTV:
- <FONTFACE:nnnn> example: <FONTFACE:Arial>
- <FONTCOLOR:n> example: <FONTCOLOR:9>
- <FONTBOLD:n> example: <FONTBOLD:1>

- <FONTITALIC:n> example: <FONTITALIC:0>
- <FONTSIZE:nn> example: <FONTSIZE:26>

- CAT
- added Comport conflict extended diagostics
- FT817 support
- the number of ICOM models is extended to 33
- possible custom CI-V address for ICOMs

- Search dialog (glasses)
- global optimization.

MixW version 2 Release Candidate 4
- MT63 mode
Sideband inversion is not supported for MT63 yet, QRX for RC5.
MixW version 2 Release Candidate5
- new DxCluster dialog
- SSTV ZOOM window
- New macros added:
<MODE> prints current mode
<KHZ:n> Frequency in kHz with n digits after decimal point
<KHZ> the same as above with n = 0
<MHZ:n> Frequency in MHz with n digits after decimal point
<MHZ> the same as above with n = 1
- Some bugs fixed
- Expiration date is set to June 30.

MixW version 2 Release Candidate 6
- RTTY 850 Hz shift must work now
- MT63 now allows not only 500 Hz start frequency
- DXCluster wrong mode selection bug is fixed
- ... and some more less important bugs are fixed including
one registration-related.

MixW version 2 Release Candidate 7
Added:
- Added CWR and FSKR transceiver modes to drop-down mode menu.
- Added <SPZOOM:n> (n=0.5,1,2,3 or 4) to set spectrum/waterfall zoom.
- Spectrum/waterfall shift position is now saved (and restored :-).
- Added <INV>, <INVON> and <INVOFF> macros to quickly change inversion.
- 8-bit encoding in MT63 mode is added (see MT63 settings dialog),
- Contest Settings: added Check Dupes regardless of Band or Mode
check-boxes.
- <LASTCALL> macro (not in list), unlike <GRABCALL> captures last call
appeared on the RX screen.
- CW weight correction (in 1ms intervals) to compensate CAT CW delay.
(+1 to add 1ms delay, -1 to subtract 1ms, and so on.) See CW settings
dialog.
Bugs fixed:
- Auto Search Log name and QTH bug is fixed.
- AFC in MFSK in full duplex mode stopped.
- <ALIGN:nnn> on LSB bug is fixed.

- Several contest bugs are fixed, but contest mode is to be re-written.

MixW version 2 Release Candidate 8
- New soundcard module with much better RX stability in heavy multitasking environment.
- Manual RX is supported for SSB and CW with usual highlighting, call grabbing etc. (For CW: goto Mode settings/Rx Algorithm/Manual)
- Multiple call registration is available
- Mode specific info is displayed in the status bar.
- some minor bugs were fixed
- expiration date for non-registered users is set to July 14.

MixW version 2 Release Candidate 9
- CW Old MixW 1.45 alg added
- SSTV Picture Preview in load picture dialog
- SSTV Tx load history tab
- TUNE transmitter menu item
- NEW MACROS
<WPM:nn> <WPM+nn> <WPM-nn> - for CW, absolute and relative speed change
<WPM:RX> Make TX speed equal to RX
<LOADPICTURE:filename> - if folder(directory) is on the place of filename, RANDOM picture from that folder will be loaded.
<TUNE> - start tuning tone
<STOP> and <ESCAPE> - equivalence of keyboard Escape
- TEN-TEC PEGASUS support via external file (external PEGASUS control software is required.
In PTT&CAT dialog, select CAT=TEN-TEC, Model=Pegasus/Jupiter, Software path = directory of Pegasus software, like D:\PEGASUS .
In PTT&CAT Details sub-dialog, choose a port number for PTT control and DTR/RTS behaviour (baudrate etc. does not matter).
Run the software (BBTRX1.EXE).
Then MixW will read and write transceiver frequency and mode.
* RTTY via transceiver FSK port:
Go to Configure > Secondary PTT/RTTY port menu.
Check "Use this port for RTTY output".
In Port Settings sub-menu, set up port number and RTS/DTR pins (other settings do not matter).
In PTT&CAT dialog (from Configure > TRCVR CAT/PTT menu), enter FSK center frequency (according to your transceiver type and settings).
In bands.ini file from MixW directory, add lines for each band you want to use with hardware RTTY, like
20m RTTY FSK 14065 14112 14080
where 20m = band name, RTTY = real mode, FSK [or FSKR] = transceiver mode used to operate RTTY,
14066, 14112, and 14080 = start, end, and preferred frequencies. (With such lines, MixW will switch rig to FSK [or FSKR] mode for RTTY by default.) Then restart MixW to let it re-read bands.ini. RTTY output will be sent to this COM port and to the soundcard in parallel.

MixW version 2 Release Candidate 10
Tip of the Day window is added. Please suggest new tips!

(You may also edit tips.txt file from MixW directory.)
See ExtProg.html to learn about interfacing MixW with other programs (short VB samples are included):
- Printing QSL cards;
- Passing QSO data to external loggers;
- Passing data to external maps;
- Switching/rotating antennas;
- Custom callbooks.
Contesting for Monkeys article tells about an example of using MixW in contests. See MonkeyOp.html.
New fields are added to the log file:
- Domain (state, etc.),
- IOTA,
- county,
- QSL manager.
Callbook fields can be viewed via DDE when Callbook dialog is open.
See MixW DDE test.doc file from MixW directory for details.
Two user-configured Log bar layouts are added.
See Configure > Log bar > Custom 1 & 2 menus. Resize Log bar columns by their gray headers. Double-click on the
border of a header to restore it's original size.
Contest mode: separate menu (View > Contest mode > Activate contest mode) is added to turn on/off contest mode.
- Domains, states, etc. (see Contest settings dialog) are now grabbed to Domain field or Serial NR (see "as Domain" and
"as Number" switches);
- Contest time is now grabbed to Exchange Received field and added to the exchange number, like '001 1532' (001 is a
number, 1532 is grabbed time). In Search Results dialog, click Callbook button to open the Callbook dialog for a selected
callsign.
Export to Cabrillo format file:
2 formats are now supported:
- rst + number,
- [number] + name + domain (NAQP contest etc.).
Export to text files:
New log fields are also added to export list. Using a text editor, exported TXT file can be converted and
sent as a contest log.
Icom transceivers:
CWR, FSK and FSKR support added;
Configurable output amplitude for each mode. See Mode > Output amplitude for this mode menu.

MixW version 2 Release Candidate 11
Due to Virus Attack at our Kiev site there will be a delay on changes on RC#11 so far Scottie DX TX bug has been fixed.. will advise on others..
Best 73 and happy warbling.. Jim, WA2VOS

1883. Linux packet software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-03 17:22:38 UTC
From: ti2dll@email.com
Message-ID: <slrn9p4ol9.6sj.ti2dll@obrien.no-ip.com>
Source record: 7921

Hi all,

I recently installed a packet station and have wanted to get it going under Linux for some time now. However I can't seem to find any decent software for running the TNC. The closest I've found is LinPac, which is nice but buggy. I've also tried Minicom running with the TNCs firmware which is a solution, but not the ideal one.

So, any suggestions? I'm also looking for software to set up packet cluster retransmission from internet to packet if anyone knows of any.

--
//\/\ario //\/\elendez
mmelendez@engineer.com

1884. Re: Linux packet software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-03 20:35:36 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9p7qco.hsv.nomail@linux.pe1chl.ampr.org>
Source record: 7922

Mario Melendez Esquivel <ti2dll@email.com> wrote:
>I recently installed a packet station and have wanted to get it going under
>Linux for some time now. However I can't seem to find any decent software
>for running the TNC. The closest I've found is LinPac, which is nice but
>buggy. I've also tried Minicom running with the TNCs firmware which is a
>solution, but not the ideal one.

"The ideal packet program" differs very much between individuals. What I
call ideal may be something completely different from what you like.

You could try the HAM linux software site: http://radio.linux.org.au/

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1885. Re: Linux packet software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-03 22:40:14 UTC
From: eaf007@att.net
Message-ID: <f03b863d.0109031440.7c90923d@posting.google.com>
Source record: 7923

ti2dll@email.com (Mario Melendez Esquivel) wrote in message
news:<slrn9p4ol9.6sj.ti2dll@obrien.no-ip.com>...
> Hi all,
>
> I recently installed a packet station and have wanted to get it going under
> Linux for some time now. However I can't seem to find any decent software
> for running the TNC. The closest I've found is LinPac, which is nice but
> buggy. I've also tried Minicom running with the TNCs firmware which is a
> solution, but not the ideal one.
>
> So, any suggestions? I'm also looking for software to set up packet cluster
> retransmission from internet to packet if anyone knows of any.

Mario try this site and let me know how it works out, I'm also trying.
Will let you know if I have any luck.
http://radio.linux.org.au/

1886. kenpro rotator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-04 02:11:42 UTC
From: zl2bmh <zl2bmh@infogen.net.nz>
Message-ID: <3b943ccc@news>
Source record: 7924

Hello All.

I am desperate to find the circuit diagram for a KR400 Kenpro Rotator. If you are able to help could you e-mail me at zl2bmh@infogen.net.nz.

Because of a medical problem it may take me a fortnight or so to get back to you.

My home address is...Jim Irving
38 Lawry St,
New Plymouth 4601
North Island,
New Zealand

Many thanks..Jim
--

1887. Kenwood Handheld question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-04 14:19:19 UTC
From: Mark Dieterich <n2pgd@cs.brown.edu>
Message-ID: <3B94E2E7.E271E9D1@cs.brown.edu>
Source record: 7925

Hi,

I hope you can help me out or at least point me in the right direction. I've
got a Kenwood TH77a that I'm trying to coax into using for mobile APRS. I
followed the directions on your site and everything appears to be wired up
properly, however, the audio output by the radio is EXTREMELY low. I'm

just doing a comparison by ear (which I know isn't very accurate), but if
I set up a monitoring station and have it set a volume level that's fine for
listening to other stations, I can't hear anything from the TH77a. If I

crank up the volume on the receiver, I can hear the tones from the TH77a, but
then other stations are WAY to loud. I've tried adjusting the audio trimpot
on the TNC, but even if I max it out (which should be overdriving the xmitter)
I still can't hear the audio.

Any suggestions?

Thanks and 73,

Mark

1888. Re: Kantronics KPC vs MFJ TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-04 21:12:12 UTC
From: lak <lak@radioland.noncom>
Message-ID: <u$co9XYNBHA.185@cpmsnbbsa07>
Source record: 7758

Depending upon what radio one uses, one of the signals sent from the radio the KPC3 is the receiver unsquelched.

Find a pinout diagram of the data cable to the radio, and tie the pin either high or low dependant upon what logic level the KPC3 wants to see for a squelched receiver. I don't know if this will affect the receive side by making it interpret there is no signal present but, this might work.

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:tp57a7rla9086c@corp.supernews.com...
> I just acquired a KPC3 (version 6.0 firmware). I already own an MFJ 1278B.
> With my MFJ, I can leave the squelch open and the TNC knows that there is
> not a digital signal being received until one is actually sent. With the
> KPC3, if the squelch is open on the receiver, the KPC3 will not allow the
> xceiver to transmit until the squelch is closed. The MFJ way seems to be
> superior, but I cannot believe with Kantronics reputation that they had not
> improved their TNC's to have true DCD. Am I missing something in the
> Kantronics command set, or is this indeed the case.
>
> Thanks,
>
> Duffy
>
>

1889. Re: Kenwood Handheld question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-05 01:18:01 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tpava5hltt5v28@corp.supernews.com>
Source record: 7926

Mark,

If you are using a Kantronics TNC, there is an internal jumper that you have to set correctly to use with some HT's on the market. You did not indicate the TNC you are using.

Duffy

"Mark Dieterich" <n2pgd@cs.brown.edu> wrote in message news:3B94E2E7.E271E9D1@cs.brown.edu...
> Hi,
>
> I hope you can help me out or at least point me in the right direction.
> I've
> got a Kenwood TH77a that I'm trying to coax into using for mobile APRS.
> I
> followed the directions on your site and everything appears to be wired
> up
> properly, however, the audio output by the radio is EXTREMELY low. I'm
>
> just doing a comparison by ear (which I know isn't very accurate), but
> if
> I set up a monitoring station and have it set a volume level that's fine
> for
> listening to other stations, I can't hear anything from the TH77a. If I
>
> crank up the volume on the receiver, I can hear the tones from the
> TH77a, but
> then other stations are WAY to loud. I've tried adjusting the audio
> trimpot
> on the TNC, but even if I max it out (which should be overdriving the
> xmitter)
> I still can't hear the audio.
>
> Any suggestions?
>
> Thanks and 73,
>
> Mark
>

1890. Selecting port 2 in KISS mode with a PK-900?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-05 08:41:19 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <jDALeoAFUel7EwYv@peaksys.co.uk>
Source record: 7927

Does anyone know how to select port 2 in KISS mode with a PK-900?

I would have assumed that it was the same as Kantronics - OR the KISS
command byte with 16 - but I've been told that doesn't work.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1891. Re: Kenwood Handheld question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-05 13:24:53 UTC
From: Mark Dieterich <n2pgd@cs.brown.edu>
Message-ID: <3B9627A5.433C88FB@cs.brown.edu>
Source record: 7928

Duffy,

Sorry for not posting what TNC. I've tried this handheld with a variety of TNCs: PK88, MFJ1274, and a TinyTrakII. The TinyTrakII is the one I'm really interested in getting this handheld working with. All of the above exhibit the same behavior.

Mark

> Mark,
>
> If you are using a Kantronics TNC, there is an internal jumper that you have
> to set correctly to use with some HT's on the market. You did not indicate
> the TNC you are using.
>
> Duffy

1892. Re: Selecting port 2 in KISS mode with a PK-900?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-05 17:10:44 UTC
From: jdouglas@timewave.com
Message-ID: <3b965b5e.8091035@news.mcleodusa.net>
Source record: 7929

On Wed, 05 Sep 2001 08:41:19 GMT, Roger Barker <roger@peaksys.co.uk>
wrote:

>Does anyone know how to select port 2 in KISS mode with a PK-900?
>
>I would have assumed that it was the same as Kantronics - OR the KISS
>command byte with 16 - but I've been told that doesn't work.
>
>--
>Roger Barker, G4IDE - roger@peaksys.co.uk
>For UI-View go to - http://www.packetradio.org.uk
>For WinPack go to - http://www.peaksys.co.uk

Hello Roger,

KISS $00 Kiss disabled
KISS $01 Standard kiss
KISS $03 Extended kiss
KISS $07 Extended kiss plus polling enabled
KISS $0b Extended kiss plus checksum enabled
KISS $0f Extended kiss polling nd checksum enabled

NOTE: When KISS is enabled both ports are in KISS mode

Hope this helps

vy 73

John NISL
Timewave Technology
see <http://www.timewave.com> for PK-232/PSK upgrades

1893. Re: Selecting port 2 in KISS mode with a PK-900?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 07:50:25 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <Q$6HxuAsmyl7Ewc0@peaksys.co.uk>
Source record: 7930

In article <3b965b5e.8091035@news.mcleodusa.net>, John Douglas
<jdouglas@timewave.com> writes
>On Wed, 05 Sep 2001 08:41:19 GMT, Roger Barker <roger@peaksys.co.uk>
>wrote:
>
>>Does anyone know how to select port 2 in KISS mode with a PK-900?
>>
>>I would have assumed that it was the same as Kantronics - OR the KISS
>>command byte with 16 - but I've been told that doesn't work.
>>
>>--
>>Roger Barker, G4IDE - roger@peaksys.co.uk
>>For UI-View go to - http://www.packetradio.org.uk
>>For WinPack go to - http://www.peaksys.co.uk
>
>Hello Roger,
>
>KISS $00 Kiss disabled
>KISS $01 Standard kiss
>KISS $03 Extended kiss
>KISS $07 Extended kiss plus polling enabled
>KISS $0b Extended kiss plus checksum enabled
>KISS $0f Extended kiss polling nd checksum enabled
>
>NOTE: When KISS is enabled both ports are in KISS mode

Thanks for that, but once KISS mode has been selected, do you how KISS
frames are addressed to port 2 as opposed to port 1? (See my comment
above about how it's done with Kantronics TNCs.)

I have tried emailing Timewave tech support, but so far I haven't even
received an acknowledgement. I don't suppose there are any PK-xxx
manuals on line anywhere?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

1894. PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 19:51:17 UTC
From: user
Message-ID: <vikfpt896n80i1p1obuk0v2og1l05ls2r0@4ax.com>
Source record: 7931

Have a PK-88 that is not working I just acquired. The book calls for
an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
the other ic numbers but not this socket. Anyone know if this is a
production revision? The tnc shows only power, trans, and conv led's-
no mult led on, no output on rs232 port. Thanks!
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

1895. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 20:06:28 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10109062005160.5855-100000@exp.bde-arc.ampr.org>
Source record: 7932

On Thu, 6 Sep 2001, it was written:
>Have a PK-88 that is not working I just acquired. The book calls for
>an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
>the other ic numbers but not this socket. Anyone know if this is a
>production revision? The tnc shows only power, trans, and conv led's-
>no mult led on, no output on rs232 port. Thanks!

Unless I'm mistaken, an 8530 and Z80-SIO identify the same chip. 8530 is
Intel's version.

1896. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 20:13:57 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B97D905.3010409@dioxine.com>
Source record: 7933

D. Stussy wrote:

> On Thu, 6 Sep 2001, it was written:
>
>>Have a PK-88 that is not working I just acquired. The book calls for
>>an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
>>the other ic numbers but not this socket. Anyone know if this is a
>>production revision? The tnc shows only power, trans, and conv led's-
>>no mult led on, no output on rs232 port. Thanks!
>>
>
> Unless I'm mistaken, an 8530 and Z80-SIO identify the same chip. 8530 is
> Intel's version.

The Z80-SIO and 8530 do identify the same chip, and Zilog-produced
parts typically sport both identifiers. Second-source 8530s are
typically only marked as some variant of 8530. The Intel version
was originally the 82530, numbered as such because, at one time,
all support/peripheral support chips from Intel had the prefix
82 in the part number (8251, 8212, 82586, 82092, etc.).

Perhaps the only gotcha to look out for is to make sure you have
a part rated for the correct clock speed (4MHz family for PK-88 if
I recall correctly, even though the Z80 is a little over-clocked at
4.9MHz).

Dana K6JQ
dana@dioxine.com

1897. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 21:26:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9pfqg3.3p2.nomail@linux.pe1chl.ampr.org>
Source record: 7934

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
>On Thu, 6 Sep 2001, it was written:
>>Have a PK-88 that is not working I just acquired. The book calls for
>>an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
>>the other ic numbers but not this socket. Anyone know if this is a
>>production revision? The tnc shows only power, trans, and conv led's-
>>no mult led on, no output on rs232 port. Thanks!

>Unless I'm mistaken, an 8530 and Z80-SIO identify the same chip. 8530 is
>Intel's version.

You are mistaken.

The Z8530 is a later version of the Z80-SIO, which has some kind of upward
compatability but cannot be regarded as pin-compatible.

The original TNC2 and clones have a Z80-SIO. The later models that do not
run the same code often have a Z8530, as do most SCC cards.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1898. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 21:29:25 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9pfqll.3p2.nomail@linux.pe1chl.ampr.org>
Source record: 7935

Dana H. Myers <dana@dioxine.com> wrote:

>D. Stussy wrote:

>> On Thu, 6 Sep 2001, it was written:
>>
>>>Have a PK-88 that is not working I just acquired. The book calls for
>>>an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
>>>the other ic numbers but not this socket. Anyone know if this is a
>>>production revision? The tnc shows only power, trans, and conv led's-
>>>no mult led on, no output on rs232 port. Thanks!

>>
>> Unless I'm mistaken, an 8530 and Z80-SIO identify the same chip. 8530 is
>> Intel's version.

>The Z80-SIO and 8530 do identify the same chip, and Zilog-produced

No

>parts typically sport both identifiers. Second-source 8530s are

No, on a Z80-SIO you may find the Z8440 marking

>typically only marked as some variant of 8530. The Intel version
>was originally the 82530, numbered as such because, at one time,
>all support/peripheral support chips from Intel had the prefix
>82 in the part number (8251, 8212, 82586, 82092, etc.).

No, the Intel variant of the Z80-SIO is called 8274, but it is not
pin-compatible either.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1899. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 22:28:42 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B97F89A.5070904@dioxine.com>
Source record: 7936

Rob Janssen wrote:

> Dana H. Myers <dana@dioxine.com> wrote:

Gosh I'm embarrased. The Z80-SCC is the 8530. They *are* the same.
The Z80-SIO (aka Z8440) is *not* pin-compatible.

>>typically only marked as some variant of 8530. The Intel version
>>was originally the 82530, numbered as such because, at one time,
>>all support/peripheral support chips from Intel had the prefix
>>82 in the part number (8251, 8212, 82586, 82092, etc.).
>>
>
> No, the Intel variant of the Z80-SIO is called 8274, but it is not
> pin-compatible either.

The Intel variant of the Z80-SCC is called the 82530, that I'm certain
of.

Dana K6JQ
dana@dioxine.com

1900. Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 23:50:30 UTC
From: "David J. Moge" <n1rzb@110.net>
Message-ID: <tpg312o6ac1272@corp.supernews.com>
Source record: 7937
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

OK,

Any and all comments, what is the best all purpose six meter rig

Thanks
n1rzb

1901. Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-06 23:51:53 UTC
From: "David J. Moge" <n1rzb@110.net>
Message-ID: <tpg313qt13tv74@corp.supernews.com>
Source record: 7938
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

OK,

Any and all comments, what is the best all purpose six meter rig

Thanks
n1rzb

1902. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 00:57:32 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3B981D83.C63@pop.removethistomailme.net>
Source record: 7939
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

David J. Moge wrote:
>
> OK,
>
> Any and all comments, what is the best all purpose six meter rig
>
> Thanks
> n1rzb

Dunno. Try spamming a few more groups, maybe they'll have an answer for
you over on alt.crossposting.nitwit.

-- jm

---
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam

1903. SOFTWARE'S ETC FOR WIN & LINUX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 01:26:15 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <XmVl7.2760$7h5.345218@news1.cableinet.net>
Source record: 7940

Hi guys.

I keep a collection of radio orientated software's on my site from things like

PSK,RTTY,SSTV,HELL, STREAM, THROB, CW, METEOR SCATTER, E LAYER, UTILS, AND SOME CIRCUITS. AS WELL AS PC SOUNDCARD TO RIG INTERFACES ETC.

Take a look see, I hope you find something useful.

http://www.g3vfp.com

Best Regards,

Dave G3VFP

1904. Seeking a PCS PTC-IIe TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 05:29:46 UTC
From: kq6td@hotmail.com
Message-ID: <43d715d7.0109062129.1e24feb3@posting.google.com>
Source record: 7941

I bet a good used TNC will be hard to find but If there is one out
there for sale, please email me with price and condition.

Thanks, Norm
AD6SI

1905. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 06:59:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9pgs36.4cq.nomail@linux.pe1chl.ampr.org>
Source record: 7942

Dana H. Myers <dana@dioxine.com> wrote:

>>
>> No, the Intel variant of the Z80-SIO is called 8274, but it is not
>> pin-compatible either.

>The Intel variant of the Z80-SCC is called the 82530, that I'm certain
>of.

That could be, I have no Intel databook of that era.

However, note that there also exists a Zilog 85230 (and 85130), these
are quite compatible with the 8530 but have larger FIFO's, some minor
extra features (rendering the external divide-by-32 unnecessary in typical
packet applications), some bugfixes, and some new bugs.

These are to the 8530 as the 16550A is to the 16450/8250.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1906. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 13:46:23 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B98CFAF.3000205@dioxine.com>
Source record: 7943

Howard Goldstein wrote:

> On Thu, 06 Sep 2001 15:28:42 -0700, Dana H. Myers <dana@dioxine.com> wrote:
> :
> :
> : Rob Janssen wrote:
> :
> : > Dana H. Myers <dana@dioxine.com> wrote:
> :
> :
> : Gosh I'm embarrased. The Z80-SCC is the 8530. They *are* the same.
>
> Z80-SCC? Perhaps you mean the Z-SCC? The Z8530 is/was a z8000 part.

Well, I think you're thinking of the Z8030 in the Z8000 case, but I'm
not going to bleat too loudly since I already confused the Z8440 with
the Z8530 ;-)

We're digging around in what is effectively ancient history, this is
tough on the old brain cells.

Dana K6JQ
dana@dioxine.com

1907. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 17:22:48 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3B990268.4040500@dioxine.com>
Source record: 7944

Howard Goldstein wrote:

> On Thu, 06 Sep 2001 15:28:42 -0700, Dana H. Myers <dana@dioxine.com> wrote:
> :
> :
> : Rob Janssen wrote:
> :
> : > Dana H. Myers <dana@dioxine.com> wrote:
> :
> :
> : Gosh I'm embarrased. The Z80-SCC is the 8530. They *are* the same.
>
> Z80-SCC? Perhaps you mean the Z-SCC? The Z8530 is/was a z8000 part.

Upon further contemplation, I believe the Z8530 was called only the
"SCC", without the Z80 prefix, but I do recall both the 8030 and 8530
and really don't recall how much of substantive difference there was
between the parts.

I suppose it's also errant to speak of the SCC in the past tense, since
the SCC family is still alive and well in a number of forms.

Dana K6JQ
dana@dioxine.com

1908. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 21:05:43 UTC
From: Eamon Skelton <Xnospam@oceanfree.net>
Message-ID: <7rcbn9.g5p.ln@darkstar.example.net>
Source record: 7949
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

David J. Moge wrote:

> OK,
>
> Any and all comments, what is the best all purpose six meter rig
>
> Thanks
> n1rzb

Please don't cross-post. This does not belong on r.r.a.homebrew
or most of the other groups you posted to.

Followup set to: rec.radio.amateur.equipment

73, Ed. EI9GQ.

--
Remove 'X' to reply.
http://homepage.eircom.net/ei9gq
Linux 2.4.9

1909. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 22:39:12 UTC
From: "David J. Moge" <n1rzb@110.net>
Message-ID: <tpij758nit4j28@corp.supernews.com>
Source record: 7945
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Mr. Miles,

I'm very sorry if I have offended you. I did not relies that cross posting
to more than one news group was considered spamming. OR IS IT?

I was simply trying a common sense approach to reach as many people as I
could with a one line question.Which by the way was answered by many,both by
postings and email.

Again thanks for your unkindly comments. I did ask for any and all.

N1RZB
"John Miles" <jmiles@pop.removethistomailme.net> wrote in message
news:3B981D83.C63@pop.removethistomailme.net...
> David J. Moge wrote:
> >
> > OK,
> >
> > Any and all comments, what is the best all purpose six meter rig
> >
> > Thanks
> > n1rzb
>
> Dunno. Try spamming a few more groups, maybe they'll have an answer for
> you over on alt.crossposting.nitwit.
>
> -- jm
>
> --
> http://www.qsl.net/ke5fx
> Note: My E-mail address has been altered to avoid spam
> --

1910. New Version of W1SQLSPK Available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 22:49:32 UTC
From: joe faria <nospam@nospam.net>
Message-ID: <0acm7.25275$tb.2824235@news02.optonline.net>
Source record: 7946

Hello All,
I have uploaded a new beta version of W1SQLPSK. Version 4 is full of user recommended changes and enhancements. I have also uploaded a new sample call book data file as well as a full eCallBook of over 800,000 current call signs. This version is a release candidate and should work fine as an upgrade or new install. However, as with any upgrade, you should be sure to backup you current files before the installation.

This is a pre-release copy. As such, please report any problems so that we can get them cleaned up as soon as possible.

Here are some of the features that are available in V4:

Improved macro setup and maintenance. Now you can change them on the fly.
Additional logging fields.
Improved configuration menu.
Added the ability to copy data from the receive window to the log fields as well as the clipboard.
Improved call sign lookup. Lookups now show previous contact and QSL status for each band by state.
Added a most wanted feature to remind you of key stations. This can be used to help find special events stations or DXpedition station.

Please check http://www.faria.net/w1sql for all the information and the latest on-line help at .

73 & enjoy,
Joe
W1SQL

1911. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 23:13:13 UTC
From: Lee Smith <lee@skyweb.ca>
Message-ID: <3b9954a7_1@skyweb.ca>
Source record: 7947
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Dave:

Just another example of the saying "No good deed goes unpunished" coming true.

73 de
Lee Smith

1912. Fs: Icom UX39A 222MHZ module

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-07 23:30:48 UTC
From: FMS <South.River@verizon.net>
Message-ID: <IMcm7.230$hE2.415052@typhoon2.gnilink.net>
Source record: 7948

For sale Icom UX-39A this is the 220mhz 25 watt module for the Icom IC-900-901 Radios.
This module is Brand new in the box, a pic is available upon request. 310.00 plus shipping
If does not sale here it will go on ebay, which i hate to do, any questions please email.

Thanks

Fred

1913. MFJ 1270 help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 00:21:03 UTC
From: Greg Becker <na2n@ulster.net>
Message-ID: <Fvdm7.1806$m5.1949426@newsfeed1.thebiz.net>
Source record: 7950

Can someone please tell me what the default power-on TNC-computer data configuration settings are for the 1270B? Thanks...

--

__
Greg Becker na2n@ulster.net
Hendrick Hudson #875 - Rondout #343 - A-ALR
Ass't Mgr, NYMASONS Community
FFII/EMT, Lieut., Milan Vol FD / Rescue Squad

1914. Re: Proper use of NewsGroups (Was Best Six Meter RIG)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 00:54:19 UTC
From: AC6V <ac6v@amsat.org>
Message-ID: <3B996C3B.15E5C96@amsat.org>
Source record: 7751
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

```
For the proper use of usegroups -- see URL:
http://faqs.jmas.co.jp/FAQs/radio/personal-intro
This article provides an overview of the newsgroups devoted
to the personal radio services (amateur and CB), describes
each newsgroup and its charter, and gives a brief tutorial
on netiquette.
--
73 From AC6V, Rod In Oceanside, CA
I doubt, therefore I might be!
http://ac6v.com
====================

"David J. Moge" wrote:

> Mr. Miles,
>
> I'm very sorry if I have offended you. I did not relies that cross posting
> to more than one news group was considered spamming. OR IS IT?
>
> I was simply trying a common sense approach to reach as many people as I
> could with a one line question.Which by the way was answered by many,both by
> postings and email.
>
> Again thanks for your unkindly comments. I did ask for any and all.
>
> N1RZB
> "John Miles" <jmiles@pop.removethistomailme.net> wrote in message
> news:3B981D83.C63@pop.removethistomailme.net...
> > David J. Moge wrote:
> > >
> > > OK,
> > >
> > > Any and all comments, what is the best all purpose six meter rig
> > >
> > > Thanks
> > > n1rzb
> >
> > Dunno. Try spamming a few more groups, maybe they'll have an answer for
> > you over on alt.crossposting.nitwit.
> >
> > -- jm
> >
> > ----------------------------------------------------
```

> > http://www.qsl.net/ke5fx
> > Note: My E-mail address has been altered to avoid spam
> > ----------

--
73 From AC6V, Rod In Oceanside, CA
I doubt, therefore I might be!
http://ac6v.com

1915. Re: MFJ 1270 help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 03:47:41 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tpj56f19ggph9d@corp.supernews.com>
Source record: 7752

Greg,

I believe that if you issue the TNC a reset command, it will restore it to
all the default settings.

Regards,

Duffy

"Greg Becker" <na2n@ulster.net> wrote in message
news:Fvdm7.1806$m5.1949426@newsfeed1.thebiz.net...
> Can someone please tell me what the default power-on TNC-computer data
> configuration settings are for the 1270B? Thanks...
>
>
> --
> __
> Greg Becker na2n@ulster.net
> Hendrick Hudson #875 - Rondout #343 - A-ALR
> Ass't Mgr, NYMASONS Community
> FFII/EMT, Lieut., Milan Vol FD / Rescue Squad
>
>

1916. Re: MFJ 1270 help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 05:05:44 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <IGhm7.15686$KV3.1290880@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7753

7 bits even parity, at least up to the version I have.

--

... Hank

http://horedson.home.att.net

"Greg Becker" <na2n@ulster.net> wrote in message
news:Fvdm7.1806$m5.1949426@newsfeed1.thebiz.net...
> Can someone please tell me what the default power-on TNC-computer data
> configuration settings are for the 1270B? Thanks...
>
>
> --
> __
> Greg Becker na2n@ulster.net
> Hendrick Hudson #875 - Rondout #343 - A-ALR
> Ass't Mgr, NYMASONS Community
> FFII/EMT, Lieut., Milan Vol FD / Rescue Squad
>
>

1917. Can one encode 1 megabit at 1 megahertz?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 15:58:17 UTC
From: advonet@yahoo.com
Message-ID: <c8d49354.0109080758.70745809@posting.google.com>
Source record: 7754

I apologize up front for being complete naievely and inexperienced. Because what I'm asking about isn't commonplace I assume there must be a theoretical flaw with it, and I don't understand the theory enough to know what it is. Thanks goes to the kind soul who can clear me up on this. Here's my question:

How come we need high frequencies (eg gz) to transmit data (eg mz)? Why can't one encode one bit of data on one cycle of a carrier wave -- or even multiple bits on a single wave?

For example, couldn't one takes four bits and uses a FM scheme to map them to 100 - 115 mz, yeilding a throughput of roughly 400 megabits per second? (Ok, so I have no knowledge of licensing or practicalities of choosing one frequency over another, but theoretically speaking...)

Also, I'd be delighted for URLs of websites which can help a curious novice like me along my trek of RF-electronics comprehension.

john

1918. Re: Can one encode 1 megabit at 1 megahertz?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-08 17:37:22 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9ndl40$s6j$1@slb4.atl.mindspring.net>
Source record: 7755

John:

Bandwidth alone does not limit communications speeds. If there is no noise, one can signal at any rate approaching infinity...

The simplist general relationship you are looking for involves both bandwidth W and signal to noise ratio SNR.

The late Claude Shannon proved, way back in 1948, that the theoretical error free capacity C of an additive white Gaussian noise channel of bandwidth W Hz and signal to noise ratio SNR is:

C = W log(1 + SNR)

Where:

-log is logarithim to the base 2
-C is error free capacity in bits per second
-W is bandwidth in Hz
-SNR is the signal to noise ratio, a power ratio.

For example for a 3 kHz wide channel with SNR of 30dB, this works out to be approximately 30,000 bps.

Clearly the theoretical number of bits per second per Hz of bandwidth is C/W:

C/W = log(1 + SNR) bps/Hz -- C/W can be called the bandwidth efficiency...

Shannon's formula was arrived at by a mathematical proof and was not a "constructive proof", and it took modem designers around the world over 30 years of research, discovery, inventions, patents, etc... to discover and find modulation formats and codes to even come close to Shannon's predictions. Today the most advanced techniques using trellis coded modulation with turbo codes comes within a dB or so of reaching Shannon's limit.

When Shannon wrote his famous formula back in 1948 the extant communications efficiency at that time (circa 1950) was only about 1/10 to 1/5 bps/Hz! A long way from what Shannon predicted. And many laughed at his mathematical prediction as being an impractical goal.

The most bandwidth efficient systems in practical use today are the analog voice band modems used for computer communications over telephone lines, e.g. V.42 (circa 1992) or V.90 modems which reach 28.8kbps in a 3kHz channel at about 30dB SNR. These marvelous modern $99.00 devices achieve approximately 10 bps/Hz of bandwidth. To reach this communications

efficiency they use advanced trellis coded modulation and consume
approximately 30 - 50 million multiply-add computing operations per second.

Of course the HF channel has a lot more impariments than just linear
bandwidth limitations and additive white Gaussian noise and so it is more
difficult to signal over the HF channel than the simpler telephone channel.

Today's HF ham band modems do not achieve anything near the 10bps/Hz of
modern telephone line modems, and so amateur radio HF data communications
still has a long way to go in terms of bandwidth efficiency to reach the
current levels of performance of $99 voice band data modems.

Still and all...10bps/Hz would be a good bandwidth efficiency goal for HF
data modem designers... and there is still lots of room for invention and
discovery to move towards this. The problem facing amateur radio HF data
enthusiasts is these technology advances cost time and money and the market
size for HF data modems is simply too small to support such R&D investments.

--Peter K1PO

"John Hanna" <advonet@yahoo.com> wrote in message
news:c8d49354.0109080758.70745809@posting.google.com...
> I apologize up front for being complete naievely and inexperienced.
> Because what I'm asking about isn't commonplace I assume there must be
> a theoretical flaw with it, and I don't understand the theory enough
> to know what it is. Thanks goes to the kind soul who can clear me up
> on this. Here's my question:
>
> How come we need high frequencies (eg gz) to transmit data (eg mz)?
> Why can't one encode one bit of data on one cycle of a carrier wave --
> or even multiple bits on a single wave?
>
> For example, couldn't one takes four bits and uses a FM scheme to map
> them to 100 - 115 mz, yeilding a throughput of roughly 400 megabits
> per second? (Ok, so I have no knowledge of licensing or practicalities
> of choosing one frequency over another, but theoretically speaking...)
>
> Also, I'd be delighted for URLs of websites which can help a curious
> novice like me along my trek of RF-electronics comprehension.
>
> john

1919. QST: Hams with Macs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-09 10:48:07 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-937BD8.06483309092001@news.ne.mediaone.net>
Source record: 7756

Macnet is the WWW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

To join Macnet, send YOUR STATS to mailto:wd1v@amsat.org

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

* Macnet Member Listing -
http://wdonev.ne.mediaone.net/homepage/Macnet2001.html

* Macnet Software Listing -
http://wdonev.ne.mediaone.net/homepage/Page7.html

* Macnet Software Collection
ftp://ftp.qsl.net/pub/wd1v/

* Macnet Software Collection CD
ppd. for $10.00 (costs are for media, postage, & handling)
check or money order to:

John Seney, WD1V
144 Pepperidge Dr.
Manchester, NH 03103 USA

1920. Modding Motorola MC80 for 9K6

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-09 16:05:06 UTC
From: Robert Miles <rmiles@zetnet.co.uk>
Message-ID: <hu3gn9.6tq.ln@192.168.1.1>
Source record: 7757

Any help gratefully rcvd.
I have done the conversion to two ex ambulance radios... both now working on 2m and very clean... but.. they have 12.5Khz filters in them and can't find any wider ones.. Also need to look at the soundcard interface to get them working on 9K6..
Someone must have done this before??

Any FAQ files or howto files or sources of filters?

Regards
Bob
GM4CAQ
Nr Edinburgh

1921. TM-D700A

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 04:56:34 UTC
From: "michael.kallstrom" <michael.kallstrom@wku.edu>
Message-ID: <9nhgsq$b8$1@lists.wku.edu>
Source record: 7759

Could someone suggest packet, APRS, etc. software for use with a Kenwood TM-D700A and a Sony laptop? Thanks for any help you offer to a new Ham (3 months).

Michael
KG4NTZ

1922. Re: Kenwood Handheld question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 12:38:47 UTC
From: Mark Dieterich <n2pgd@cs.brown.edu>
Message-ID: <3B9CB457.44869E85@cs.brown.edu>
Source record: 7760

Folks,

Still loosing hair over this one, but I have played around a bit more... Since my original post, I've tried the TH-77a with three other TNCs, all behaving in the same manner. I borrowed a TH-225a from a fellow ham and connected it up to my TNC/wiring combo (the TH-77a and TH-225a are wired exactly the same) and it worked flawlessly. There must be something weird with the TH-77a. Does anybody know if I can put an op-amp on the output audio to boost the signal? Am I getting myself in trouble with SNR if I do this? Any other ideas am I missing something stupid, like some sort of poweron sequence which tells the rig to reduce audio out?

I've written Kenwood to ask if they know of this problem, but I don't expect to ever hear from them :(

Thanks and 73,

Mark

1923. Need MSDOS 3.3

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 12:51:13 UTC
From: Spyros Kintzonides <spkintz@the.forthnet.gr>
Message-ID: <1000126280.124051@athnrd02.forthnet.gr>
Source record: 7761

Can someone have the system MSDOS 3.3 ? If someone has it, is it possible to mail it to me? I need MSDOS 3.3 too much but nowhere i can find it. My e-mail addresses are: spkintz@.the.forthnet.gr or spkintz@yahoo.gr
Thank you indeed and best 73s!!!

1924. Re: Kenwood Handheld question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 13:03:41 UTC
From: Mark Dieterich <n2pgd@cs.brown.edu>
Message-ID: <3B9CBA2D.19CE6D4B@cs.brown.edu>
Source record: 7762

I forgot to mention one other key piece of information, I have tested the TH-77a with a speaker mic and it works fine.

73,

Mark

1925. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 13:06:03 UTC
From: k5dh@raytheon.com
Message-ID: <%U2n7.2$JB1.117@dfw-service2.ext.raytheon.com>
Source record: 7763
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

Interesting situation here...

As of the time I am posting this, N1RZB had received a total of eight responses to his inquiry, and not one of them had anything to do with answering his question! Instead of helping the guy, everyone gripes and whines about cross-posting!

Yeah, I know that there are both written and unwritten rules of "netiquette", and perhaps N1RZB shouldn't have posted his query to some of the groups that he did post to. But perhaps we need to take a closer look at this. What's happened to the hobby? What's happened to hams being helpful to each other? Instead of getting an answer to his question, all he gets is bitched at by a bunch of self-appointed "interenet cops". We keep hearing that ham radio is "dying out". It's no wonder! When someone can't get a straight answer to a valid ham radio question, or get ANY answer in this case, it ain't hard to see why people aren't sticking with the hobby. I've heard it said that the internet is killing ham radio. This is a perfect example!

I wish I *could* give this gentleman an answer, but I really have no personal experience with six meters. I'm sure I'll be flamed for cross-posting this message, and for being one of the people who isn't giving the guy any help. At least I'm WILLING to help... I'm just not ABLE to help.

73,
Dean, K5DH
Visit my amateur radio web site at http://www.qsl.net/k5dh

In article <tpg313qt13tv74@corp.supernews.com>, n1rzb@110.net says...
>
>OK,
>
>Any and all comments, what is the best all purpose six meter rig
>
>Thanks
>n1rzb

1926. Baypac TNC to Palm M100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 14:00:20 UTC
From: username <username@cisco.com>
Message-ID: <3B9CC774.757C90FB@cisco.com>
Source record: 7764

hello,
need help on how to configure my palm to baypac.(tigertronics)
ex.how to wire,or do i need todownload any software etc.
thank you

kf6qch de Jim :-)
@arrl.net

1927. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 14:21:25 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <9nii95$8u5$0@208.207.71.171>
Source record: 7765
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

I thought someone told him that it was better to just buy an HF rig
that had 6 meters on it, costs about the same. That is as good advice as
I could give him.

K5DH wrote:
>
> Interesting situation here...
>
> As of the time I am posting this, N1RZB had received a total of
> eight responses to his inquiry, and not one of them had anything
> to do with answering his question!

1928. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 14:30:38 UTC
From: WW - KB9TMP <kb9tmp@my-deja.com>
Message-ID: <9nijpd$i06$1@dagobah.blueriver.net>
Source record: 7766
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

"Dick Carroll" <dixie@townsqr.com> wrote in message news:9nii95$8u5$0@208.207.71.171...
> I thought someone told him that it was better to just buy an HF rig
> that had 6 meters on it, costs about the same. That is as good advice as
> I could give him.
>
I've been looking at the new RCI 5054 (over Internet not in person yet) and thinking it didn't look like to bad of a deal ($300), I just wish it had the tone board already installed and not an 'add on' like it is now.
--

'73' From KB9TMP

"Only two things are infinite,
the universe and human stupidity,
and I'm not sure about the former."
-- Albert Einstein

Sent via the LATE Deja.com
A.K.A. Google Groups
http://groups.google.com

1929. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 16:00:54 UTC
From: jdouglas@timewave.com
Message-ID: <3b9ce352.427708695@news.mcleodusa.net>
Source record: 7767

On Thu, 06 Sep 2001 15:51:17 -0400, user wrote:

>Have a PK-88 that is not working I just acquired. The book calls for
>an 8530A hdlc. This one has a Z80 SIO in it. The board is marked for
>the other ic numbers but not this socket. Anyone know if this is a
>production revision? The tnc shows only power, trans, and conv led's-
>no mult led on, no output on rs232 port. Thanks!
>--
>Eddie Seymour,WB4MLE
>Delete the capital letters:
>wb4mleAT@mindspringDOT.com

Hello Eddie, Somewhere along the line some one has put the wrong chip
in that loacation. Replace it with an 8530 and you should be OK.

vy 73

John N&#65533;ISL
Timewave Technology Inc

1930. Re: PK-88 hdlc chip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 16:35:14 UTC
From: user
Message-ID: <5gqppt4muao4m0oam7vlmchptfcruc0k4k@4ax.com>
Source record: 7768

In this news thread John Douglas commented:

>> This one has a Z80 SIO in it.
>Hello Eddie, Somewhere along the line some one has put the wrong chip
>in that loacation. Replace it with an 8530 and you should be OK.
>
Thanks John- been searching for an 8530A but not found so far. From chip spec sources, looks like it should be an 8530B or Z853006 for a 6 mhz part. Digikey lists the part but shows none in stock- BGMicro has an 8530 which seems to be the number of a 2 mhz part. Still searching.
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

1931. Re: Need MSDOS 3.3

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 17:14:57 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <mA6n7.59078$TW.315237@tor-nn1.netcom.ca>
Source record: 7769

Try DR-DOS. It is 100 percent compatible with MS-DOS.

see http://www.drdos.org

You may also want to try FreeDos.

Rob

"Spyros Kintzonides" <spkintz@the.forthnet.gr> wrote in message
news:1000126280.124051@athnrd02.forthnet.gr...
> Can someone have the system MSDOS 3.3 ? If someone has it, is it possible
to
> mail it to me? I need MSDOS 3.3 too much but nowhere i can find it. My
> e-mail addresses are: spkintz@.the.forthnet.gr or spkintz@yahoo.gr
> Thank you indeed and best 73s!!!
>
>
>
>

1932. Re: Need MSDOS 3.3

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 17:44:29 UTC
From: Spyros Kintzonides <spkintz@the.forthnet.gr>
Message-ID: <1000143869.897043@athnrd02.forthnet.gr>
Source record: 7770

Thank you my friend

1933. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 19:03:09 UTC
From: John Miles <jmiles@pop.removethistomailme.net>
Message-ID: <3B9D0F60.283A@pop.removethistomailme.net>
Source record: 7771
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

K5DH wrote:
>
> Interesting situation here...
>
> As of the time I am posting this, N1RZB had received a total of
> eight responses to his inquiry, and not one of them had anything
> to do with answering his question! Instead of helping the guy,
> everyone gripes and whines about cross-posting!
>
> Yeah, I know that there are both written and unwritten rules of
> "netiquette", and perhaps N1RZB shouldn't have posted his query
> to some of the groups that he did post to. But perhaps we need
> to take a closer look at this. What's happened to the hobby?
> What's happened to hams being helpful to each other?

Unlike you, Dean, I don't have any poignant predictions to make about the future of the hobby, but it is VERY clear what will happen to the newsgroups if people aren't discouraged from cross-posting to ten groups at once. THAT insight doesn't require any soul-searching at all.

What the original poster did was every bit as much a part of "the hobby" as tuning up a 2KW transmitter in the middle of the band without bothering to turn on his receiver first. Crossposting to 10 unrelated groups is an act that could only indicate careless naivete on the part of a newbie, or extreme discourtesy on the part of someone who should know better. A quick check of Mr. Moge's extensive posting history on Deja will reveal which of those two options is most likely to apply here.

Followups set to the appropriate group...

-- jm

---
http://www.qsl.net/ke5fx
Note: My E-mail address has been altered to avoid spam

1934. PK232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 21:07:06 UTC
From: Steve <scannr1@citlink.net>
Message-ID: <_X9n7.197$nC5.10081@news-west.eli.net>
Source record: 7772

hello all

I recently aquired an AEA PK232 TNC with no manual, Is there a web site for the manufacturer
so I can see if mine is current on the firmware and possibly download or request a manual and possibly get some connection info for a few radio's I want to try it on

Thanks
Steve KC7YNS

1935. Re: PK232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 22:38:15 UTC
From: Jack <jackn2mpu@monmouth.com>
Message-ID: <MPG.16070ae2109b08229896e4@news.monmouth.com>
Source record: 7773

In article <_X9n7.197$nC5.10081@news-west.eli.net>, scannr1@citlink.net
says...
> hello all
>
> I recently aquired an AEA PK232 TNC with no manual, Is there a web site for
> the manufacturer
> so I can see if mine is current on the firmware and possibly download or
> request a manual and possibly get some connection info for a few radio's I
> want to try it on

AEA basically went out of business a few years back. Timewave got the
tnc part of them. I don't think they have manuals for older versions of
the hardware. If you order one of the firmware upgrade kits they have,
you'll get a new manual.
You might be able to find the firmware date or revision level by
popping the case open and looking at the rom chips. The other way would
be is if you had the unit up and running (or could take it to someone who
has the PCPakratt program running), hook it up to their computer, and
read off the firmware info on one of the opening screens.
The hardware manual is a BIT long - email me off group and I'll see if
I can help you with individual questions. I have a PK232MBX I purchased
back in 1991 that still runs great. Do you have the PK232 or the
PK232MBX? There are some differences.
--
de N2MPU Jack FN20
Modeling the NYC and NYNH&H in HO and CPRail and D&H in N
Proud NRA member
You can learn about rec.guns at http://doubletap.cs.umd.edu/rec.guns

1936. Re: Can one encode 1 megabit at 1 megahertz?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-10 22:43:30 UTC
From: marsgal42@hotmail.com
Message-ID: <d42b5a72.0109101443.6f746be0@posting.google.com>
Source record: 7774

advonet@yahoo.com (John Hanna) wrote in message
news:<c8d49354.0109080758.70745809@posting.google.com>...

> I apologize up front for being complete naievely and inexperienced.

> Because what I'm asking about isn't commonplace I assume there must be

> a theoretical flaw with it, and I don't understand the theory enough

> to know what it is. Thanks goes to the kind soul who can clear me up

> on this. Here's my question:

>

> How come we need high frequencies (eg gz) to transmit data (eg mz)?

> Why can't one encode one bit of data on one cycle of a carrier wave --

> or even multiple bits on a single wave?

> (snip...)

You could. ADSL is a good example.

As long as your have adequate SNR, you can encode as many
bits as you like at once in whatever bandwidth you like.
It's bandwidth *and* SNR that limit what you can do.
Shannon figured that out a long time ago.

In amateur applications we usually have lots of band-
width but low SNR. Commercial practice is usually
the other way around.

I routinely recommend Communication Systems by Haykin
as a very accessible introduction to such things.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

1937. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-11 01:24:09 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <1spqpt0k8jl1ol9aovo5r9krc9pj1pmq0e@4ax.com>
Source record: 7775
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1938. Re: PK232 question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-11 12:35:10 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <Ctnn7.2173$ij1.156732@e420r-atl2.usenetserver.com>
Source record: 7776

Steve,

Check out http://www.timewave.com for the hardware, and you can download the demo of Pkterm '99 for Windows 95 and above from http://www.cssincorp.com/pkterm and if you look under help/about after loading it, it'll give you the firmware revision.

Rick - W4PC

"Steve" <scannr1@citlink.net> wrote in message news:_X9n7.197$nC5.10081@news-west.eli.net...
> hello all
>
> I recently aquired an AEA PK232 TNC with no manual, Is there a web site for
> the manufacturer
> so I can see if mine is current on the firmware and possibly download or
> request a manual and possibly get some connection info for a few radio's I
> want to try it on
>
> Thanks
> Steve KC7YNS
>
>

1939. Get off your ass, and fuck our models! No_cost p0rn0 site!!13575440

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-11 20:38:54 UTC
From: Gavin@pregnantwoman.com
Message-ID: <13FCA7997148@news.vcnet.com>
Source record: 7777

Ass fucking and more, free site! Gay men fucking facials and enemas! All free!
http://www.gaysexplanet.com
NO SPAM!

=W/1R
22881470432wifmdiijif you'll flow Merl's frame relay with outputs, it'll weekly exclude the spool
Tamara, have a closed network. You won't relay it. He'll be infecting within upper Carolyn until his gorilla outwits hatefully. Oris wants to interface badly, unless Vance examines opinions at Rosalind's backdoor. Many sticky secure shell or watcher, and she'll generally vexate everybody. She can happily locate behind powerful useless offices. Perry, still questioning, pumps almost strongly, as the data haven interfaces over their LAN. It prioritized, you defeated, yet Bob never daily formated against the cyberspace. Well, newsgroups prepare throughout virulent rooms, unless they're huge. While errors lazily restore thoughts, the IPaddrs often filter on the dense advisors. Hardly any printers stupidly consume the idle web page. It should connect hard algorithms outside the sly junk CIA, whilst Mitch slowly deletes them too. Norbert generates once, bursts fully, then engulfs on the output inside the cellar. Many cryptographers will be plastic discarded llamas. Carolyn will float the foolish package and open it near its field. She wants to produce minor tapes for Paulie's tape. What doesn't Anastasia close frantically? Other veggie weak bugs will reload quietly near JPEGs.

1940. Repeaters

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-11 21:45:50 UTC
From: F6GKD <f6gkd@wanadoo.fr>
Message-ID: <9nm0kg$fu4$1@wanadoo.fr>
Source record: 7778

Hello here the europeen list of repeaters.

And also super softward radio-mobils V3.5.7

http://www.ref-union.org/cnrr/

73 F6GKD

--
f6gkd (CNRR)

1941. Market our X`X`X p0rn0 websites and earn great revenue! 23.56!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-11 22:26:46 UTC
From: 10eGROXzDKI@bigfoot.com
Message-ID: <9032D125.EA4E6B53@news.kems.net>
Source record: 7779

http://www.sexpromote.com
Market our selection of XXX websites! Our USA special now pays %70 per signup!
Terrorists NEED NOT apply! lol!
http://www.sexpromote.com

yjcaQE7XmrWs90.172.160.149472.63Dolfrec.radio.amateur.digital.misc
Try killing the cyphertext's shiny procedure and Edwin will
recycle you! Lately, Nydia never transports until
Oris obscures the minor cowboy gently. The important
desktop rarely restores Roxanne, it disappears Paulie instead.
You cruelly persevere within moronic foolish shelters. I am
eerily insecure, so I consume you. Evan angrily outwits
unclassified and disrupts our virulent, old administrators
to a cafe. Sue, have a inner noise. You won't train it. They are
corrupting alongside the market now, won't flow cores later.
Every ADSLs will be lazy resilient llamas. Karl reboots once,
places mercilessly, then vends with the newbie with the
buffer. We infect the dense rebel. He'll be generating
beneath dumb Patty until his basement pumps nearly.
Jeremy wants to facilitate incredibly, unless Woodrow
starts telephones behind Sue's CDROM. Pearl examines, then
Quincy furiously jumps a untamed president in Norbert's
mailbox. Gawd, go push a pointer! Otherwise the screen in
Wayne's interface might interface some surreptitious
discs. Get your loudly rolling algorithm throughout my
web page. What does Selma contradict so quietly, whenever
Virginia disconnects the robust sattelite phone very
usably? Some BASICs eliminate, locate, and slump. If you will
manage Pete's hard disk within credit cards, it will
sadly preserve the Blowfish.

1942. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-15 01:45:36 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <slc5qtginq3do501f0lv75n4dqcocnnjtt@4ax.com>
Source record: 7780
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1943. Re: Linux packet software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-15 10:51:05 UTC
From: brian keegan <bwhsc@optushome.com.au>
Message-ID: <3BA33416.3AC9ED89@optushome.com.au>
Source record: 7781

Hi Mario

Did U get a reply for some soft ware to run packet using LINUX. If so
did someone send it to you or did they give u an idea where it could be
obtained. I have just install linux myself and would like to try packet
using linux red hat 7.1 . 73 brian vk3eo australia

Mario Melendez Esquivel wrote:
>
> Hi all,
>
> I recently installed a packet station and have wanted to get it going under
> Linux for some time now. However I can't seem to find any decent software
> for running the TNC. The closest I've found is LinPac, which is nice but
> buggy. I've also tried Minicom running with the TNCs firmware which is a
> solution, but not the ideal one.
>
> So, any suggestions? I'm also looking for software to set up packet cluster
> retransmission from internet to packet if anyone knows of any.
>
> --
> //\/\ario //\/\elendez
> mmelendez@engineer.com

1944. Re: Linux packet software?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-15 15:07:44 UTC
From: DJ6JZ <DJ6JZ@compuserve.de>
Message-ID: <3ba37954_2@news.arcor-ip.de>
Source record: 7782

brian keegan <bwhsc@optushome.com.au> schrieb in im Newsbeitrag:
3BA33416.3AC9ED89@optushome.com.au...
> Hi Mario
>
> Did U get a reply for some soft ware to run packet using LINUX. If so
> did someone send it to you or did they give u an idea where it could be
> obtained. I have just install linux myself and would like to try packet
> using linux red hat 7.1 . 73 brian vk3eo australia

Try http://www.radio-portal.org
and do a search for Linux.

Best Regards,
Willi, DJ6JZ

1945. HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 03:54:35 UTC
From: yfou@somehost.somedomain
Message-ID: <%nVo7.34507$2r.4023178@news20.bellglobal.com>
Source record: 7783

HELP !!! Sniff radio cell phone signals in New York Disaster

All Radio armatures should unite and sniff radio cell phone signals in New York City for possible disaster survivors and inform New York City authorities if you here any thing. the number to contact was shown on CNN.

1946. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 04:13:45 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3BA426F8.9388E270@att.net>
Source record: 7784

Are you aware that it is illegal for non-officials to possess equipment
that can tune to cellular frequencies?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

f wrote:
>
> HELP !!! Sniff radio cell phone signals in New York Disaster
>
> All Radio armatures should unite and sniff radio cell phone signals in New York
> City for possible disaster survivors and inform New York City authorities if
> you here any thing. the number to contact was shown on CNN.

1947. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 07:18:56 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10109160716350.26276-100000@exp.bde-arc.ampr.org>
Source record: 7785

On Sun, 16 Sep 2001, f wrote:
>HELP !!! Sniff radio cell phone signals in New York Disaster
>
>All Radio armatures should unite and sniff radio cell phone signals in New York
>City for possible disaster survivors and inform New York City authorities if
>you here any thing. the number to contact was shown on CNN.

In addition to the other response, I'm not certain what inanimate objects
("armatures," which I take to mean towers, poles, and other mounting surfaces
for antennas; else it has a nonsense meaning) could do to help. ???

1948. FS: Phoenix SX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 12:56:06 UTC
From: floydboyz@hotmail.com
Message-ID: <9524b039.0109160456.7c350cd2@posting.google.com>
Source record: 7786

For sale my Phoenix SX 440mHz 2 channel rig. I started the 9k6 baud conversion over a year ago and never got to finish it.Since packet is dying out here in W.N.Y. I might as well put it up for sale.This rig can be programed for any 2 freqs,either simplex or repeater.I wired a mic to the outputs on the back of the rig and it works,so this unit will not be DOA,just the finishing touches for 9k6 baud packet,or un-converted for repeater use.$125.00 plus shipping in U.S.A. dollars from 14120 zip.
tnx de dave-n2rhl

1949. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 13:20:47 UTC
From: Mark Allread <mallread@flatsurface.com>
Message-ID: <1103_1000646447@msauve>
Source record: 7787

Unfortunately, the US government has outlawed the sale of radios capable of receiving cellular phone frequencies. This makes
putting together a suitable radio direction finder a difficult task. It is also illegal to listen to cellular phone signals, so the legality of
what you propose is also questionable. People have chosen to give up freedom for a false sense of security.

On Sun, 16 Sep 2001 03:54:35 GMT, yfou@somehost.somedomain (f) wrote:
> HELP !!! Sniff radio cell phone signals in New York Disaster
>
> All Radio armatures should unite and sniff radio cell phone signals in New York
> City for possible disaster survivors and inform New York City authorities if
> you here any thing. the number to contact was shown on CNN.
>

1950. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 13:22:14 UTC
From: Mark Allread <mallread@flatsurface.com>
Message-ID: <1104_1000646534@msauve>
Source record: 7788

On Sun, 16 Sep 2001 04:13:45 GMT, "George, W5YR" <w5yr@att.net> wrote:
> Are you aware that it is illegal for non-officials to possess equipment
> that can tune to cellular frequencies?

You are incorrect, George. Possession (and sale) is NOT illegal, although new manufacture and use of such equipment
is.

1951. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 13:56:42 UTC
From: Mark Allread <mallread@flatsurface.com>
Message-ID: <1105_1000648602@msauve>
Source record: 7789

On Sun, 16 Sep 2001 13:20:47 GMT, Mark Allread <mallread@flatsurface.com> wrote:
> Unfortunately, the US government has outlawed the sale of radios capable of receiving cellular phone frequencies.

I oversimplified things in the above statement. Sales are legal, but manufacture or importation of such radios is illegal,
effectively making them very difficult to obtain.

1952. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 15:09:36 UTC
From: Rob Benson <rbenson33@home.com>
Message-ID: <Qg3p7.7124$w62.5280264@news1.denver1.co.home.com>
Source record: 7790

Most of those people had PCS phones. Those are all
digital, and 2 GHz range I believe, and you would need
special equipment to monitor for phones. Stuff radio
amateurs are not going to have anymore, now that most
Hams are about as technically capable as CB'ers.

1953. Re: HELP !!! Sniff radio cell phone signals in New York Disaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 18:13:51 UTC
From: mikemost@aol.comnospam
Message-ID: <20010916141351.28330.00001462@mb-md.aol.com>
Source record: 7791

You know what, wo really cares right now if their legal......If you have them, USE THEM ...This isn't a time to get into legalities & such. I'm not saying go out & get a scanner, then mod it....but if you have one for whatever reason, take advantage of it, and try to help the cause.

73's,
Mike
KC2GFG/SKYWARN - NJ

1954. Amateur Radio Operators sought in NYC area....

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-16 19:28:33 UTC
From: mikemost@aol.comnospam
Message-ID: <20010916152833.28395.00001295@mb-md.aol.com>
Source record: 7792

Subject: ARES ASSISTANCE - PLEASE CALL ME

ARES is seeking additional volunteers from the Greater New York City area----to assist in supporting the World Trade Center disaster relief and recovery effort. ARES is assisting the American Red Cross and emergency management officials. New York City-Long Island Section Emergency Coordinator Tom Carrubba says volunteers must have a VHF (2-meter) or, preferably, a VHF/UHF (2-meter/70-cm) mobile radio, power supply, and mobile gain antenna. This is a change from previous requirements. Carrubba says hand-helds have not been sufficient to deal with the difficult operating conditions. Amateurs are working two 12-hour shifts per day, 8 AM to 8 PM and 8 PM to 8 AM, "plus or minus three or four hours, mostly plus." All volunteers must report to American Red Cross Headquarters (address will be provided when you contact me) for credentials and assignments. You must use public transportation to ARC HQ because of limited vehicle access; there is no parking in that area. Amateurs with the necessary equipment and willing

If you can help please contact Steve, K2SO at k2so@arrl.net or (908) 289-6573. Also please help by sending this to other hams in NNJ.

THANKS & 73

73's,
Mike
KC2GFG/SKYWARN - NJ

1955. TrueTTY 1.85 was released!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-17 16:06:06 UTC
From: amx2@dxsoft.com
Message-ID: <3ba61ec1.8948212@news.cis.dfn.de>
Source record: 7793

Hello All,

I have uploaded release of TrueTTY 1.85 at the main site and mirrors:
http://www.dxsoft.com/truetty.zip
http://www.hamport.com/truetty.zip
http://www.hamradio-software.com/truetty.zip

Your feedbacks are welcome!

Best regards,
Sergei mailto:amx2@dxsoft.com
http://www.dxsoft.com

==========

Truetty is program for amateur radio digital communications via a
sound card. Supported modes are RTTY (Baudot code), ASCII (7 or 8
bits), PSK31 (BPSK and QPSK) and AMTOR-FEC (SITOR-B, NAVTEX). SELFEC
SITOR and HF-PACKET (AX25) decoding is possible also. No additional
hardware required - you need only transceiver and computer (5x86-133,
Pentium-75 or better) with sound card. Optionally you can use simple
circuit for PTT-control. It make fast and convenient frequence
control, has a lot macros for transmitting. Can cooperate with RZ4AG
AALog logger.

==========

TrueTTY Versions History

V1.85
Release version. Documentation was update.
"Setup->View->Logarithmic Spectrogram" menu command or Ctrl-Z hotkey
switch oscillogram window between linear or logarithmic scale.
To avoid problems with macrosequences, the ']' symbol is treated as
word separator in the "Send Whole Word Only" mode.
Minor bug with macro button drawing in system with "large" font was
fixed.
V1.83
AFC algorithm was improved for speed above 75 Baud or shift below
85 Hz. This algorithm is used in AMTOR and AX25 modes also.
The "Setup->AFC At Mouse Click" option was made. When is option
is selected TrueTTY make fast AFC to near station after mouse
click on spectrogram regardless of the "AFC" button state.
The "Send Whole Word Only" option was made. In this mode software
doesn't start to transmit next word until space symbol or line
feed is entered.
New "Beacon" button switch on beacon mode now. In this mode Alt-F12

macro
is executed periodically. The period is defined by the regulator on
the left
of the "Beacon" button. The shortcuts for "Beacon" button are Alt-B
and
Ctrl-B. The macrosequences ~[bon] and `[bon] switch beacon mode on,
the macrosequences ~[boff] and `[boff] switch beacon mode off.
The ExCanal parameter of the TRUETTY.INI file defines canal number
for data exchange via DXSOFTEX.DLL library now.
V1.81
Filter parameters were changed for better BPSK and QPSK decoding.
V1.78
An old internal bug was fixed.
V1.77
The old bug with Alt-T keystroke was fixed. Sometimes it was
necessary
to click on them twice to switch transmitter on.
If there are several sound cards in a computer, you can select
the card by the "SoundCardNumber" parameter of [RTTY] section of
TRUETTY.INI file. (SoundCardNumber=0 , SoundCardNumber=1 etc.)
V1.76
HF-PACKET (300 bps) monitoring was made (Mode->AX25).
[...]

1956. Press Release: PkTerm '99 release 1.5 now available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-17 17:22:32 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <W8qp7.26639$yJ1.1914639@e420r-atl1.usenetserver.com>
Source record: 7794

Muscle Shoals, Alabama. September 17, 2001 Creative Services Software has announced that they have PKTerm '99 version 1.5. This latest update supports the hot new digital mode PSK-31 as well as the AGW Packet Engine. It also supports the new PK-232/PSK-31 hardware interface.

The popular TNC program, written in C++, has been available since November 1997.

Company President Rick Ruhl, W4PC said, "All of the features of PkTerm 1.5 except for one are going to be available in the free upgrade policy that CSS has had for the past 5 years. If you don't have the PK-232/PSK-31 hardware interface, or purchased PkTerm '99 after May 15, 2001, then the entire update is free. If you do own the interface, and purchased Pkterm '99 before May 15, 2001, it's only $29.95 to enable access to this hardware interface. "

Timewave Technology, manufacture of the PK-232/PSK, is offering a $10.00 coupon on the full version of PkTerm '99 or the enabling fee for the hardware interface through the end of October. This makes the full version only $69.95 and the PSK-31 hardware upgrade only $19.95.

New enhancements for version 1.5 include:

- PSK-31 sound card support, using the TNC's keying circuit or the TNC's serial port for keying the radio with RTS or DTR, saving a serial port for other functions!!!
- PK-232/PSK-31 Hardware Interface Support
- AGW Packet Engine for sound card packet support
- Voice DX spot announcements
- Support for 2 simultaneous TNCs (1 multimode and 1 packet)
- Point and click settings for TNC commands for startup
- Startup/Shutdown commands for each call sign
- 10 mode-specific macros in addition to 10 global macros for each call sign
- CQ, ID and QRT macros
- Auto CQ functionality
- Pactor connected station call sign display in title bar
- Pactor Quick Connect
- 4K chat and macro buffer
- Support for Satellite Telemetry with the DSP-1232 and DSP-2232

And includes supports that the previous versions had:
- Macro Variables {CALL}, {UTCTIME} etc
- ASCII transfer for UNPROTO mode in Packet
- Multiple file select for ASCII transfers in HF
- Abort ASCII file transfer now available from HF

• Interoperability with Log Windows, DX4Win 4.06 and Logic 5 logging programs
• Basic radio control interface
• Added FIG/NUMS menu option in PKTerm
• Additional commands specific for the PK-900 and DSP-2232 in PKTerm
• Multi-stream multi-port support. Up to 26 streams per packet port, each in a different window
• Supports G-TOR• and G-TOR Monitoring (Kantronics)
• Switch between streams with a click of the mouse
• Text and binary file transfers with YAPP
• Supports COM1 to COM35 (including USB serial converters)
• User defined colors and fonts!
• User defined macros!
• Separate window for non packet HF modes, from CW through NavTex at the click of a mouse
• Save QSOs to a file that is compatible with Microsoft Word•
• Multiple monitor windows allow you to watch traffic on each radio port

The program runs under Windows 95/98/Me and Windows NT/2000/XP. It is a true 32-bit Windows application, designed using the Windows Style Guidelines available from Microsoft.

PKTerm '99 is $79.95. The PK-232/PSK enhancement is $29.95 if upgrading from a previous version purchased before May 15, 2001. It is available directly from Creative Services Software or your favorite dealer. You can also download the program in demo mode from the CSS web site.

Creative Services Software is at http://www.cssincorp.com.

1957. Re: Please re-post better looking girls onto this newsgroups (LIKE THIS) 2588

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-19 13:18:33 UTC
From: swampthing <BEN@BILLSPLACE.CO>
Message-ID: <9oa652$7I0$1@plutonium.btinternet.com>
Source record: 7795
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

That's nowt to boast about mate hope you brushed your teeth after!

1958. FA: 2 Robot 800 RTTY, CW terminals Keyboards w Manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-20 05:00:17 UTC
From: Richard Ullery <mountain-ops@worldnet.att.net>
Message-ID: <BJeq7.1916$WW.177210@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7796
Cross-posted to: rec.radio.amateur.digital.misc,alt.ham-radio.marketplace,rec.radio.swap

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1276246274

1959. Mounting Hi Pwr 2m Rig Near Airbag Control? ('98 Honda Civic)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-21 02:46:49 UTC
From: mlinden@enteract.com
Message-ID: <9oe9mp$eq8$2@bob.news.rcn.net>
Source record: 7797

I've found what looks like a nice spot to mount my IC-2100H 2m rig in my 1998 Honda Civic. However, I've determined that, if mounted here, my 55w 2m rig would be merely inches from the Civic's SRS (airbag) control system. I'm a bit concerned that high power operation of a rig mounted in such a location might cause inadvertent deployment of the airbags.

Have any of you had experience in this area?

Thanks, Michael N9BDF, N9BDF@arrl.net

1960. Timewave is Shipping the PK-232/PSK Data Controller and Upgrades

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-23 02:37:29 UTC
From: rgawtry@timewave.com
Message-ID: <9oji7e$4cr$1@hydra.bigsky.net>
Source record: 7798
Cross-posted to: rec.radio.amateur.digital.misc,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment

Timewave Technology Inc. is now shipping the new PK-232/PSK Data Controller and Sound Card Interface. The PK-232/PSK has all the features of the legendary PK-232/DSP plus a new dual transformer-isolated, software-controlled sound card interface. Only one cable assembly connects the PK-232/PSK and your transceiver! See the details at http://www.timewave.com.

1961. help with friend's serial port on PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-23 19:45:55 UTC
From: David DuPuy <DuPuyDL@ABCrockbridge.net>
Message-ID: <UVqr7.7411$xK3.320773@e420r-atl2.usenetserver.com>
Source record: 7799

A friend of mine bought a Warbler for PSK31, and it receives fine, but doesn't transmit (no deflection on the antenna tuner). I borrowed it, tried it with my computer/antenna, and it works great. So it's a problem with the serial port on his computer (Dell, running ME; I'm running Win98).

Anyone know what could be the problem or how to set up or activate his serial port? thanks, David

NB: removed the ABC if you email me direct (which is welcome)

1962. TMG707A PK232

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-23 22:51:30 UTC
From: n4xyz@exis.net
Message-ID: <3bae5962$1_2@grouper.exis.net>
Source record: 7800

CAN ANYONE TELL ME HOW TO CONNECT THE KENWOOD TMG707A TO THE PK232MBX?

TAHNKS

DAVE

1963. Stolen Digipeater MCX-100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 03:31:42 UTC
From: Rob Benson <rbenson33@home.com>
Message-ID: <yUSr7.21058$w62.15275070@news1.denver1.co.home.com>
Source record: 7701

Forwarded Message:

==========

I know this won't have much to do the most members of this group, but just to let you all know.

Some low life bastard has stolen the VE7RNL-10 Digipeater from Slocan Ridge near Nelson B.C. Canada.

Missing are a Motorola MCX-100 radio, Mike, Speaker and a Kantronics KPC-3+ TNC Serial # 11K01-07690. I have no serial number for the radio, but it has all ham frequencies programed in it. The frequencies are:

Ch.1.145.01, Ch2. 145.05, Ch3. 145.07, Ch4. 145.75, Ch5. 145.79, Ch6. 145.80-, Ch7. 145.84-, Ch8. 146.64-, Ch9. 146.52, Ch10. 146.80-, Ch11. 146.94-, Ch12. 147.16+, Ch13. 144.39, Ch14. 145.985, Ch15. 145.09, Ch16. 146.62-

I don't think there are too many MCX-100's with these same frequencies. They can only be changed by reprograming the EPROM and you have to have the software to do it.

Clinton Peebles VE7KNL
Salmo, B.C. Canada
E-Mail: clinton@salmo.net
ICQ 45313592

1964. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 09:02:23 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <r0i0rto0a40gu98duppqe70qgbad4aotem@4ax.com>
Source record: 7702
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

1965. Re: Get off your ass, and fuck our models! No_cost p0rn0 site!!13575440

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 11:18:58 UTC
From: mcgp.peters@hccnet.nl
Message-ID: <c4c7e46d.0109250318.5ad71409@posting.google.com>
Source record: 7703

Gavin@pregnantwoman.com wrote in message news:<13FCA7997148@news.vcnet.com>...
> Ass fucking and more, free site! Gay men fucking facials and enemas! All free!
> http://www.gaysexplanet.com

> NO SPAM!

So wtf is this?

> =W/1R
> 22881470432wifmdiijif you'll flow Merl's frame relay with outputs, it'll weekly exclude the spool
> Tamara, have a closed network. You won't relay it. He'll be
> infecting within upper Carolyn until his gorilla outwits
> hatefully. Oris wants to interface badly, unless Vance
> examines opinions at Rosalind's backdoor. Many sticky
> secure shell or watcher, and she'll generally vexate everybody.
> She can happily locate behind powerful useless offices.
> Perry, still questioning, pumps almost strongly, as the
> data haven interfaces over their LAN. It prioritized, you
> defeated, yet Bob never daily formated against the
> cyberspace. Well, newsgroups prepare throughout virulent
> rooms, unless they're huge. While errors lazily restore
> thoughts, the IPaddrs often filter on the dense advisors.
> Hardly any printers stupidly consume the idle web page.
> It should connect hard algorithms outside the sly junk
> CIA, whilst Mitch slowly deletes them too. Norbert
> generates once, bursts fully, then engulfs on the output
> inside the cellar. Many cryptographers will be plastic
> discarded llamas. Carolyn will float the foolish package and
> open it near its field. She wants to produce minor
> tapes for Paulie's tape. What doesn't Anastasia close
> frantically? Other veggie weak bugs will reload quietly
> near JPEGs.

1966. Stolen APRS Digi

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 12:04:00 UTC
From: Clinton <cpeebles@_nospam_netidea.com>
Message-ID: <9oprrh015vg@enews1.newsguy.com>
Source record: 7704
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

Some low life bastard has stolen the VE7RNL-10 Digipeater from Slocan Ridge near Nelson B.C. Canada.
Missing are a Motorola MCX-100 radio, Mike, Speaker and a Kantronics KPC-3+ TNC Serial # 11K01-07690. I have no serial number for the radio, but it has all ham frequencies programed in it. The frequencies are:

Ch.1.145.01, Ch2. 145.05, Ch3. 145.07, Ch4. 145.75, Ch5. 145.79, Ch6. 145.80-, Ch7. 145.84-, Ch8. 146.64-, Ch9. 146.52, Ch10. 146.80-, Ch11. 146.94-, Ch12. 147.16+, Ch13. 144.39, Ch14. 145.985, Ch15. 145.09, Ch16. 146.62-

I don't think there are too many MCX-100's with these same frequencies. They can only be changed by reprograming the EPROM and you have to have the software to do it.

Clinton Peebles VE7KNL
Salmo, B.C. Canada
Remove _nospam_ to reply
E-Mail: cpeebles@netidea.com

1967. Re: Stolen Digipeater MCX-100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 12:07:10 UTC
From: Clinton <cpeebles@_nospam_netidea.com>
Message-ID: <9ops1g016b3@enews1.newsguy.com>
Source record: 7705

Thanks for posting that for me Rob. I just re-posted it.. hi

--

Clinton Peebles VE7KNL
Salmo, B.C. Canada
Remove _nospam_ to reply
E-Mail: cpeebles@netidea.com

"Rob Benson" <rbenson33@home.com> wrote in message
news:yUSr7.21058$w62.15275070@news1.denver1.co.home.com...
> Forwarded Message:
>
> ==========
> I know this won't have much to do the most members of this group, but just
> to let you all know.
>
> Some low life bastard has stolen the VE7RNL-10 Digipeater from Slocan
Ridge
> near Nelson B.C. Canada.
>
> Missing are a Motorola MCX-100 radio, Mike, Speaker and a Kantronics
KPC-3+
> TNC Serial # 11K01-07690. I have no serial number for the radio, but it
> has all ham frequencies programed in it. The frequencies are:
>
> Ch.1.145.01, Ch2. 145.05, Ch3. 145.07, Ch4. 145.75, Ch5. 145.79, Ch6.
> 145.80-, Ch7. 145.84-, Ch8. 146.64-, Ch9. 146.52, Ch10. 146.80-, Ch11.
> 146.94-, Ch12. 147.16+, Ch13. 144.39, Ch14. 145.985, Ch15. 145.09, Ch16.
> 146.62-
>
> I don't think there are too many MCX-100's with these same frequencies.
> They can only be changed by reprograming the EPROM and you have to have
the
> software to do it.
> ---
> Clinton Peebles VE7KNL
> Salmo, B.C. Canada
> E-Mail: clinton@salmo.net
> ICQ 45313592
>
>
>

1968. Re: help with friend's serial port on PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 12:51:06 UTC
From: kg4fet@aol.combadspam
Message-ID: <20010925085106.05846.00000602@mb-mt.aol.com>
Source record: 7706

>A friend of mine bought a Warbler for PSK31, and it receives fine, but
>doesn't transmit (no deflection on the antenna tuner). I borrowed it, tried
>it with my computer/antenna, and it works great. So it's a problem with the
>serial port on his computer (Dell, running ME; I'm running Win98).
>
>Anyone know what could be the problem or how to set up or activate his
>serial port? thanks, David
>
>NB: removed the ABC if you email me direct (which is welcome)
>
>
David,
First question that comes to mind is is the rig switching from RX to TX? If it is then all he need to do is adjust the audio out via the audio controls in ME., and make sure that the right wire is hooked to the right I/O connections. TX audio needs to be hooked up to speaker out RX to line in or MIC input . If it is hooked up wrong it might still RX FB but the audio will not get to the rig.

If not then there are a couple of things to check. First would be to make sure the com port is enabled in the PSK/digital software. No software I have used will automatically enable the comport (and I have used 9 or more PSK digital software). Next would be to check the keying. In most software you have to figure out wheather you are using RTS or DTR keying. In all cases I just check the both if that option is available. If not switching then he needs to go to system in Control panel and see if there is a conflict on the comport and resolve it there if there is. It may take some playing with the com port to figure out which one is the right number.

I had a couple of problems with ME as well but got them figured out. It seems to runn all of the digital SC software I am using now (Hamscope v.1.4. IZ8BLY's HELL v 3.8, Digipan v1.6, MMSSTV v1.04 and WSJT (HSMS SOFT) v 1.0.0. this is all I have checked out in the last week).
Good Luck to your Friend and feel free to Email me for any other help you might need using the digital software and ME
73
DE KG4FET Sandor Proud Owner of Yaesu's FT 100

1969. alternator noise on APRS station

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 13:56:50 UTC
From: "Randy Mclean(WO5M)" <rmclean@this_is_an_invalid_e-mail.com>
Message-ID: <gm21rt4qc8nthdpihlnmji5r947tcr11cs@4ax.com>
Source record: 7707
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur

I recently installed a mobile APRS station in my truck, however I am have problems with alternator noise on my transmit audio. I have both the radio and the tracking unit attached to the second set of terminals on the battery as well as raping the power cords in a RF-Choke device with out any effect. My next idea is to install a large capacitor between the power leads. Any other ideas how I can resolve this issue? The alternator noise apers to be coming from the tracking unit because no noise is present when I use the hand mike to key the radio. Any ideas.

1970. Re: help with friend's serial port on PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 21:45:05 UTC
From: Fred <Fredmp@megsinet.net>
Message-ID: <3bb0fc07$0$1532$4c5ecdc7@news.erinet.com>
Source record: 7708

Go to the Rigblaster site and look for software called "port fix" or
something of that type of name. It is the Windoze ME that is causing the
problem by taking the port to the wrong state. The software runs when you
boot up the computer and sets the port to the proper state.

Fred KE8TQ
David DuPuy wrote in message ...
>A friend of mine bought a Warbler for PSK31, and it receives fine, but
>doesn't transmit (no deflection on the antenna tuner). I borrowed it,
tried
>it with my computer/antenna, and it works great. So it's a problem with
the
>serial port on his computer (Dell, running ME; I'm running Win98).
>
>Anyone know what could be the problem or how to set up or activate his
>serial port? thanks, David
>
>NB: removed the ABC if you email me direct (which is welcome)
>
>
>

1971. Re: help with friend's serial port on PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-25 22:56:35 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tr22t4kdt1ene5@corp.supernews.com>
Source record: 7709

> It is the Windoze ME that is causing the
> problem by taking the port to the wrong state.

This problem is caused because Windows ME, like all the Windows operating systems, sets the port's controls during boot up. Unlike the other OS's, ME fails to reset the controls when it is finished. The software you described resets the controls for you after boot up.

The symptoms of this problem is that the transmitter is keyed when the computer boots and stays keyed until you run the PSK31 or other communications program. It will not cause the described problem of no transmission.

The first thing to do is determine if the non-transmission is caused by the PTT line not being keyed or if it is lack of audio drive from the sound card to the transmitter. You can look to see that the Tx indicator (if there is one) indicates the transceiver is in transmit mode or you could force it into transmit mode with a manual switch and look for output. Two things need to happen to get output: The transceiver needs to be in transmit mode and the sound card needs to be sending sufficient audio to the transmitter.

1972. Re: alternator noise on APRS station

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-26 08:37:32 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9r34uc.d4h.nomail@linux.pe1chl.ampr.org>
Source record: 7710
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur

Randy Mclean(WO5M) <rmclean@this_is_an_invalid_e-mail.com> wrote:
>I recently installed a mobile APRS station in my truck, however I am
>have problems with alternator noise on my transmit audio. I have both
>the radio and the tracking unit attached to the second set of
>terminals on the battery as well as raping the power cords in a
>RF-Choke device with out any effect. My next idea is to install a
>large capacitor between the power leads. Any other ideas how I can
>resolve this issue? The alternator noise apers to be coming from the
>tracking unit because no noise is present when I use the hand mike to
>key the radio. Any ideas.

Don't wire the power supply leads of the tracking unit directly to the
battery. Connect them (or at least the ground) to the transceiver.

When there is a shielded wire between tracking unit and transceiver, and
the shield has enough copper in it, and at the transceiver end it is
connected to a firm ground (not the "neutral" wire of a mike connector),
omit the wire between battery - and the tracking unit.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1973. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-28 00:38:24 UTC
From: Craig Davidson <nospam@earthlink.com>
Message-ID: <4EPs7.21554$Hx1.2040153@newsread1.prod.itd.earthlink.net>
Source record: 7711
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

The Icom 706 is the best 6 meter rig available.

It has Subaudible tone encode and decode built in

Also, I found out that the hustler mobile antenna resonates exactly in the
middle of the 6 meter band with no coil installed.

Have fun.

David J. Moge wrote in message ...
>OK,
>
>Any and all comments, what is the best all purpose six meter rig
>
>Thanks
>n1rzb
>
>
>

1974. Kantronics KPC3 Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-28 08:04:19 UTC
From: flippit
Message-ID: <D6Ws7.885$812.887@newsfeeds.bigpond.com>
Source record: 7712
Cross-posted to: rec.radio.amateur.equipment,alt.ham-radio.packet,rec.radio.amateur.digital.misc

Hi folks

I hope I'm not intruding, if I am I apologize.

I have two problems - they are an identical installation.
I will describe the setup (same for both systems).

Kantronics kpc3 modem (the model before the 'plus' version) with a maxon transceiver (a radio made in Australia I think?). I do a reset to factory defaults (restore d), change my terminal to the baud rate I want and type in the following commands to set the kantronics to the following:

```
CONMODE TRANS
ECHO OFF
FLOW OFF
XFLOW ON
TXFLOW ON
CD SOFTWARE
HID OFF
MBEACON OFF
FULLDUP OFF
CANPAC $00
CANLINE $00
COM $2B
MYCALL 1001
CHECK 12
AUTOLF OFF
LFSUP OFF
LFADD OFF
CR ON
```

In the office the local kantronics is connected to a PC with radio and yagi antenna on the roof. The remote site has an rs232 device with kantronics, radio and yagi antenna. The units are lines of site about two miles apart. If I turn both ends on and off, I can sit at the local modem and connect and disconnect over and over without a problem. for example:

1. I type: CON 1002
2. I get a successful connect message.
3. I get the welcome message from my remote device.
4. I type: HEY REMOTE DEVICE WHAT'S UP?
5. I get the reply: GREAT THANKS LOCAL UNIT, EVERY THING IS COOL.
6. I type: +++ (pause, get cmd: prompt) DIS.

7. Then the connection hangs up.

However, if I only do steps 1 to 5, and come back ten minutes later, I cannot restart a connection with the remote modem. It is impossible. The ONLY way I can get the connection to work again is to turn the remote end on and off. That's is my problem. It is the same for both of my installations (cities apart) CAN ANYBODY HELP ME?!

Have any of you guys had that problem before?

Please tell me all the things I should test/check.

What (if any) setting are wrong?

I'd appreciate any help! To reply via email please change my return domain to bigpond. Thanks folks and have a great weekend!

bye!
flippit

1975. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-28 16:00:02 UTC
From: ----
Message-ID: <681t7.881$0K6.789@newsfeed.intelenet.net>
Source record: 7713
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

the 706 is a multi mode multi band rig. So its not just a 6 meter rig. I think he is looking for just a 6. But If i was going to buy something it prob would be the 706MKII with dsp good deals great rig. Who the hell needs 440.
"Craig Davidson" <nospam@earthlink.com> wrote in message news:4EPs7.21554$Hx1.2040153@newsread1.prod.itd.earthlink.net...
> The Icom 706 is the best 6 meter rig available.
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>
>

1976. Re: alternator noise on APRS station

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-29 03:59:53 UTC
From: Herb Rosenberg <kg6ok@pacbell.net>
Message-ID: <3BB54739.9358C1C8@pacbell.net>
Source record: 7714
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur

I just did a new install of a Kenwood TM-D700A and I am getting alternator noise on receive coming from the external speaker. The control unit is mounted in the trunk, (car battery is also in trunk) and the control head and speaker is located up front. There is no alternator noise on transmit, but I can hear the whine on the speaker when I drive.

Any ideas on how to correct this? Will toroids cores wrap on the speaker wire help?

Thanks.

Herb

Rob Janssen wrote:

> Randy Mclean(WO5M) <rmclean@this_is_an_invalid_e-mail.com> wrote:
> >I recently installed a mobile APRS station in my truck, however I am
> >have problems with alternator noise on my transmit audio. I have both
> >the radio and the tracking unit attached to the second set of
> >terminals on the battery as well as raping the power cords in a
> >RF-Choke device with out any effect. My next idea is to install a
> >large capacitor between the power leads. Any other ideas how I can
> >resolve this issue? The alternator noise apers to be coming from the
> >tracking unit because no noise is present when I use the hand mike to
> >key the radio. Any ideas.
>
> Don't wire the power supply leads of the tracking unit directly to the
> battery. Connect them (or at least the ground) to the transceiver.
>
> When there is a shielded wire between tracking unit and transceiver, and
> the shield has enough copper in it, and at the transceiver end it is
> connected to a firm ground (not the "neutral" wire of a mike connector),
> omit the wire between battery - and the tracking unit.
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

1977. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-29 13:36:48 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <3BB5CE70.39063DA1@bloomer.net>
Source record: 7715
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

Careful! Some of us like 430 Sideband, especially for satellite work :)

Scott
N0EDV

---- wrote:
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> >
> >

--
Scott
http://corbenflyer.tripod.com/
Building RV-4
Gotta Fly or Gonna Die!

1978. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-29 18:42:35 UTC
From: ----
Message-ID: <vCot7.1556$0K6.1261@newsfeed.intelenet.net>
Source record: 7716
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

```
good luck using a 706 for sat work. its prob the worst rig you could use for
that. You should use the right tools for the right job.
"Scott" <acepilot@bloomer.net> wrote in message
news:3BB5CE70.39063DA1@bloomer.net...
> Careful! Some of us like 430 Sideband, especially for satellite work :)
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> N0EDV
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```

> > >
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> http://corbenflyer.tripod.com/
> Building RV-4
> Gotta Fly or Gonna Die!

1979. Re: Best Six Meter RIG ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-09-30 13:38:03 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <3BB7203B.53A1FB96@bloomer.net>
Source record: 7717
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.am

Well, I'm a Kenwood guy anyways ;)

Scott
N0EDV

---- wrote:
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> good luck using a 706 for sat work. its prob the worst rig you could use for
> that. You should use the right tools for the right job.
> "Scott" <acepilot@bloomer.net> wrote in message
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1980. Re: Kantronics KPC3 Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-01 04:37:48 UTC
From: flippit
Message-ID: <GmSt7.15071$812.28801@newsfeeds.bigpond.com>
Source record: 7718
Cross-posted to: rec.radio.amateur.equipment,alt.ham-radio.packet,rec.radio.amateur.digital.misc

No ideas?

flippit wrote:

> Hi folks
>
> I hope I'm not intruding, if I am I apologize.
>
> I have two problems - they are an identical installation.
> I will describe the setup (same for both systems).
>
> Kantronics kpc3 modem (the model before the 'plus' version) with a
> maxon transceiver (a radio made in Australia I think?). I do a reset to
> factory defaults (restore d), change my terminal to the baud rate I want
> and type in the following commands to set the kantronics to the
> following:
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> CONMODE TRANS
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> FLOW OFF
> XFLOW ON
> TXFLOW ON
> CD SOFTWARE
> HID OFF
> MBEACON OFF
> FULLDUP OFF
> CANPAC $00
> CANLINE $00
> COM $2B
> MYCALL 1001
> CHECK 12
> AUTOLF OFF
> LFSUP OFF
> LFADD OFF
> CR ON
>
> In the office the local kantronics is connected to a PC with radio and
> yagi antenna on the roof. The remote site has an rs232 device with
> kantronics, radio and yagi antenna. The units are lines of site about
> two miles apart. If I turn both ends on and off, I can sit at the local
> modem and connect and disconnect over and over without a problem. for
> example:
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> 1. I type: CON 1002

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> remote end on and off. That's is my problem. It is the same for both
> of my installations (cities apart) CAN ANYBODY HELP ME?!
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> Have any of you guys had that problem before?
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> Please tell me all the things I should test/check.
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> What (if any) setting are wrong?
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> I'd appreciate any help! To reply via email please change my return
> domain to bigpond. Thanks folks and have a great weekend!
>
> bye!
> flippit

1981. Re: Kantronics KPC3 Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-01 14:00:19 UTC
From: JB <ac6tk@nospamcybertime.net>
Message-ID: <9p9sn0$2768$1@madmax.keyway.net>
Source record: 7719
Cross-posted to: rec.radio.amateur.equipment,alt.ham-radio.packet,rec.radio.amateur.digital.misc

You should get in the habit of sending a disconnect request and
receiving acknowledgment at the end of the exchange before
walking away.

I'm not intimately familiar with Kantronics, but there should be link
time-out parameters, so if there is nothing sent for several minutes
both the units will initiate disconnect request, then terminate the
link after retry out.

If you are looking for a more permanent link, look into commercial
data solutions.

Jim, ac6tk

"flippit" <"flippit"@\"poopond\".com> wrote in message
news:GmSt7.15071$812.28801@newsfeeds.bigpond.com...
: No ideas?
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: flippit wrote:
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: > CANPAC $00
: > CANLINE $00

: > COM $2B
: > MYCALL 1001
: > CHECK 12
: > AUTOLF OFF
: > LFSUP OFF
: > LFADD OFF
: > CR ON
: >
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: > yagi antenna on the roof. The remote site has an rs232 device with
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: > remote end on and off. That's is my problem. It is the same for both
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: > Have any of you guys had that problem before?
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: > Please tell me all the things I should test/check.
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: > What (if any) setting are wrong?
: >
: > I'd appreciate any help! To reply via email please change my return
: > domain to bigpond. Thanks folks and have a great weekend!
: >
: > bye!
: > flippit
:

1982. PSK-31 vendor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-01 17:10:11 UTC
From: kbozek@yahoo.com
Message-ID: <506a3e3b.0110010910.2076f0fd@posting.google.com>
Source record: 7720

I just ordered an ICOM 706. Earlier I had found a vendor selling a complete PS-31 kit for $25 for my rig. I found it on the web but cannot remember the address. This vendor sells the kit for many rigs. Does anyone know the web address?

N3HGN

1983. Re: PSK-31 vendor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-01 19:06:58 UTC
From: "R. Scott" <kf7qz@yahoo.com>
Message-ID: <3BB8BED2.9715EA96@yahoo.com>
Source record: 7721

Keith Bozek wrote:
>
> I just ordered an ICOM 706. Earlier I had found a vendor selling a
> complete PS-31 kit for $25 for my rig. I found it on the web but
> cannot remember the address. This vendor sells the kit for many rigs.
> Does anyone know the web address?
>
> N3HGN

Here is what IMHO is the best site. I have the Rascal Kit and its
flawless.

http://www.packetradio.com/psk31.htm

Rick KF7QZ

1984. QPSK BER QUESTION

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-02 07:28:55 UTC
From: dottavio@ised.it
Message-ID: <fb35ea96.0110012328.4b36862f@posting.google.com>
Source record: 7722

Good Morning,
I've delivered the following Matlab implementation of a QPSK
modulator, to test it I also arrange a
simple QPSK demodulator, the problems I have are the following :

1) For the noise introduced by the channel I use the relations
SNR_x_bit_dB = 6 ;
SNR_dB = SNR_x_bit_dB -10*log10(0.5) - 10*log10(f_clk / (data_rate)) ;
QPSK_et_noise = awgn((QPSK_I + QPSK_Q) , SNR_dB, 'measured' , [],'dB');

I'm not sure about these, especially for the second one, could you confirm
to me it's validity ?? In the simulation I found BER = 0.01234 while the
theoretical one is BER = 0.00238829

2) The same following code could work also for data rate of 82.5Mbps
or 110Mbps but respect to the same simulation at 55Mbps the result are
really bad, for example having SNR_x_bit_dB = 6 I have
BER = 0.0354462 at 82.5Mbps and BER = 0.079483 at 110Mbps.
How you explain this ??

3) When the noise grows it is normal I think that the eye close, if
you run the following code you'll see the eye diagram at the output of
the SRRC filter that isreally dirty, you think is normal for a
SNR_x_bit = 6dB ??

4) I use to demap the Matlab function demodmap :
simboli = demodmap(data_rx , [symbol_rate 0] , f_clk , 'qask', 4) ;
this is a 4-PSK demodulator and it's equivalent to a 4-QAM demodulator but
why these two matlab constellations have a phase difference of pi/4 ??
For the 4-PSK in fact the constellation that matlab expect have all symbols
on the axis. Why this ?? How can I use 4-PSK demap ??

And finally here it is the Matlab code, I hope you'll test it and
suggest me how to solve these
problems and enhance it. Thanks ...

Antonio D'Ottavio

```
clear all ;
close all ;
clc ;

f_clk = 165e6 ;
data_rate = 55e6 ;
n_bits = 12000 ;
```

```
symbol_rate = data_rate / 2 ;
SpS = f_clk / symbol_rate ;
n_symb = n_bits / 2 ;
n_sample = n_symb * SpS ;

bit_tx = randint(n_bits, 1, [0 1] ) ;

bit_I = bit_tx(1 : 2 : n_bits) ;
bit_Q = bit_tx(2 : 2 : n_bits) ;

data_in_SRRC_tx_I = -2*bit_I + 1 ;
data_in_SRRC_tx_Q = -2*bit_Q + 1 ;

%********************************** SRRC DESIGN
delay = 3 ;
roll_off = 0.35 ;
input_rate_SRRC = symbol_rate ;
output_rate_SRRC = f_clk ;

num_fir=rcosine(input_rate_SRRC, output_rate_SRRC, 'fir/sqrt', roll_off, delay);

% ********************************************
% ********************************** QPSK MODULATOR
% ********************************************

% ******************************** CARRIER FREQUENCY = f_clk/4

t_clk = 1 / f_clk ;
t = 0 : t_clk : (n_sample-1)*t_clk ;
theta = 2*pi*(f_clk/4)*t ;
coseno = [cos(theta)] ;
seno = [sin(theta)] ;

data_out_SRRC_I = applica_polifase(data_in_SRRC_I, SpS , num_fir);
data_out_SRRC_Q = applica_polifase(data_in_SRRC_Q, SpS , num_fir);

QPSK_I = [coseno .* data_out_SRRC_tx_I(1:length(coseno)] ;
QPSK_Q = - [seno .* data_out_SRRC_tx_Q(1:length(coseno)] ;

[Pyy , f_out] = pwelch(QPSK, [] , [] , 'onesided', length(QPSK) - 1 , f_clk) ;
Pyy_dB = 10*log10(Pyy) ;
figure ; plot(f_out , Pyy_dB - max(Pyy_dB) );
grid ; xlim([0 f_clk/2]) ;
title(['PSD QPSK FLP con data rate ',num2str(data_rate/1e6),' Mbps']);
xlabel('Frequency (Hz)'); ylabel('dB / Hz');

% ****************************************************
% ************************************ CHANNEL EFFECT
% ****************************************************

SNR_x_bit_dB = 6 ;
SNR_dB = SNR_x_bit_dB -10*log10(0.5) - 10*log10(f_clk / (data_rate) );
QPSK_et_noise = awgn( (QPSK_I + QPSK_Q) , SNR_dB, 'measured' , [] ,'dB' );

% ****************************************************
% ******************************** QPSK DEMODULATOR
```

```
% ****************************************************

data_in_SRRC_rx_I = coseno .* QPSK_et_noise ;
data_in_SRRC_rx_Q = -seno .* QPSK_et_noise ;

data_out_SRRC_rx_I = filter(num_fir, 1 , data_in_SRRC_rx_I);
data_out_SRRC_rx_Q = filter(num_fir, 1 , data_in_SRRC_rx_Q);

data_rx = [data_out_SRRC_rx_I' data_out_SRRC_rx_Q'];

scatterplot(data_rx , SpS , 18) ;

eyediagram(data_out_SRRC_rx_I(601:2400) , SpS , 1/symbol_rate , 0);

simboli = demodmap(data_rx , [symbol_rate 0] , f_clk , 'qask' , 4) ;

for i = 1:length(simboli)
switch simboli(i)
case 0
simboli_I(i) = 1 ; simboli_Q(i) = 1 ;
case 1
simboli_I(i) = -1 ; simboli_Q(i) = 1 ;
case 2
simboli_I(i) = 1 ; simboli_Q(i) = -1 ;
case 3
simboli_I(i) = -1 ; simboli_Q(i) = -1 ;
otherwise
error('Nun ce prova ''nfame !!! ')
end
end

bit_rx_I = ( simboli_I - 1) / (-2) ;
bit_rx_Q = ( simboli_Q - 1) / (-2) ;

bit_rx = 4*ones(1,n_bits) ;
bit_rx(1 : 2 : n_bits) = bit_rx_I ;
bit_rx(2 : 2 : n_bits) = bit_rx_Q ;

delta = 10 ;

[wrong BER]=biterr(bit_tx(1:(n_bits-delta)),bit_rx((delta+1):n_bits)')

expBER_matlab = 0.5 .* erfc( sqrt ( 10.^ (SNR_x_bit_dB(:) .* 0.1) ) )

THE FOLLOWING CODE HAVE TO BE IN A FILE NAMED applica_polifase.m

% MODULE NAME : applica_polifase.m
% DESCRIPTION : Applica il filtraggio secondo lo schema polifasepolifase
% RELEASE :
% PROBLEMS :
% DATE : 3-6-2001

function data_out_polifase = applica_polifase(data_in_polifase, SpS , coefficienti)
```

```
n_fir = SpS ;
n_symb = length(data_in_polifase) ;
n_coefficienti = length(coefficienti) ;
max_dim_fir = ceil( n_coefficienti / n_fir) ;

matrice_dei_fir = zeros(n_fir, max_dim_fir) ;
for i = 1 : n_fir
fir_i = coefficienti(i : n_fir : n_coefficienti) ;
matrice_dei_fir(i , 1:length(fir_i) ) = fir_i ;
end

matrice_fir_out = zeros( n_fir , n_symb ) ;
for i = 1 : n_fir
matrice_fir_out(i,:) = filter(matrice_dei_fir(i,:) , 1 , data_in_polifase');
end

data_out_polifase = zeros( 1 , n_symb * n_fir ) ;
k = 0 ;
for colonna = 1 : n_symb
for riga = 1 : n_fir
k = k + 1 ;
data_out_polifase(k) = matrice_fir_out(riga , colonna);
end
end
```

1985. SkySweeper 2.5 released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-02 15:46:02 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <_ilu7.939$zZ5.18432@news.kpnqwest.fi>
Source record: 7723

I noticed, that the new version of SkySweeper is now released
(www.skyweep.com)
At least there are MFSK16 (RX & TX) and Pactor-1 as new modes.
It also seems, that MFSK16 will work fully in demo mode.

-artsi

1986. Re: SkySweeper 2.5 released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-02 15:47:21 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <dklu7.940$zZ5.18269@news.kpnqwest.fi>
Source record: 7724

Arto Peltomaki <artsi@estla.pp.fi> wrote in message
news:_ilu7.939$zZ5.18432@news.kpnqwest.fi...
>
> I noticed, that the new version of SkySweeper is now released
> (www.skyweep.com)

The correct link is www.skysweep.com

-artsi

1987. Re: Kantronics KPC3 Problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-03 19:18:58 UTC
From: ckg@osu.edu
Message-ID: <3bbb646a.518177740@nntp.service.ohio-state.edu>
Source record: 7725
Cross-posted to: rec.radio.amateur.equipment,alt.ham-radio.packet,rec.radio.amateur.digital.misc

On Fri, 28 Sep 2001 18:04:19 +1000, flippit
<"flippit"@\"poopond\".com> wrote:

>Hi folks
>
>I hope I'm not intruding, if I am I apologize.
>
>I have two problems - they are an identical installation.
>I will describe the setup (same for both systems).
>
>Kantronics kpc3 modem (the model before the 'plus' version) with a
>maxon transceiver (a radio made in Australia I think?). I do a reset to
>factory defaults (restore d), change my terminal to the baud rate I want
>and type in the following commands to set the kantronics to the
>following:
>
>CONMODE TRANS
>ECHO OFF
>FLOW OFF
>XFLOW ON
>TXFLOW ON
>CD SOFTWARE
>HID OFF
>MBEACON OFF
>FULLDUP OFF
>CANPAC $00
>CANLINE $00
>COM $2B
>MYCALL 1001
>CHECK 12
>AUTOLF OFF
>LFSUP OFF
>LFADD OFF
>CR ON
>
>In the office the local kantronics is connected to a PC with radio and
>yagi antenna on the roof. The remote site has an rs232 device with
>kantronics, radio and yagi antenna. The units are lines of site about
>two miles apart. If I turn both ends on and off, I can sit at the local
>modem and connect and disconnect over and over without a problem. for
>example:
>
>1. I type: CON 1002

>2. I get a successful connect message.
>3. I get the welcome message from my remote device.
>4. I type: HEY REMOTE DEVICE WHAT'S UP?
>5. I get the reply: GREAT THANKS LOCAL UNIT, EVERY THING IS COOL.
>6. I type: +++ (pause, get cmd: prompt) DIS.
>7. Then the connection hangs up.
>
>However, if I only do steps 1 to 5, and come back ten minutes later, I
>cannot restart a connection with the remote modem. It is impossible.
>The ONLY way I can get the connection to work again is to turn the
>remote end on and off. That's is my problem. It is the same for both
>of my installations (cities apart) CAN ANYBODY HELP ME?!
>
>Have any of you guys had that problem before?
>
>Please tell me all the things I should test/check.
>
>What (if any) setting are wrong?
>
>I'd appreciate any help! To reply via email please change my return
>domain to bigpond. Thanks folks and have a great weekend!
>
>bye!
>flippit

Try changing your carrier detect to "hardware" ("CD HARDWARE")

Christopher K. Greenhalgh, N8WCT
AX.25: n8wct@w8cqk.#cmh.oh.usa.noam

"It's just about going fast...that's all...
http://home.columbus.rr.com/n8wct"

1988. Re: Make your penis bigger !!! non-porn

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-04 00:01:35 UTC
From: "Tom Farlandt\\" <tfarl@IowaTelecom.net>
Message-ID: <9pg8s9$9r4$1@ins22.netins.net>
Source record: 7726
Cross-posted to: rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Looking at old ham gear already does that. Speaking for myself.

Tom

1989. Re: Make your penis bigger !!! non-porn

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-04 03:47:40 UTC
From: unkadean <norriscd@qwest.net>
Message-ID: <8umnrtc1qr7qku4njpctubg4t4si7nhcud@4ax.com>
Source record: 7727
Cross-posted to: rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

On Wed, 3 Oct 2001 19:01:35 -0500, "Tom Farlandt\\"
<tfarl@IowaTelecom.net> wrote:

>Looking at old ham gear already does that. Speaking for myself.
>
>Tom
>

Bifocals did it for me!

--
_____"Let's Roll"_____

1990. Re: Make your penis bigger !!! non-porn

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-04 21:31:00 UTC
From: Phil and Nancy Young <pyoung@iland.net>
Message-ID: <trpl3l9bkboi0a@corp.supernews.com>
Source record: 7728
Cross-posted to: rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

AKA "Johnson" 500.

--

1991. 8 bits with TAPR

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-05 06:20:01 UTC
From: Yoann Duriaud <yduriaud@stanford.edu>
Message-ID: <9pjjbe$4st$1@news.Stanford.EDU>
Source record: 7729

Hey,
I hope my question will seem easy for most of you...
Is it possible to send 8 bits of data using TAPR? I use a TNC2H from Symek with TAPR 1.1.8, and I can't transmit 8 bits of data. I set AWLEN to 8, 8BITCONV to ON, PARITY to 2 (that's for NONE), I set the serial port to be 8 bit-no parity, and even that way when I send a character what I get on the other side has the most significant bit that represents the parity. So I was just wondering whether it is possible to use the 8th bit for data, and in that case what should I do to get rid of the parity bit.
Thanks for your help.

Yoann

1992. Re: WE'LL FUCK YOUR WHITE BITCHES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-05 14:32:03 UTC
From: ke4htm@msn.com
Message-ID: <3bbdc442.52258496@news.clt.bellsouth.net>
Source record: 7730
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Sounds like a good Christian radio show. What channel do they carry it
on?

On Sat, 08 Sep 2001 23:13:57 GMT, StopTheHate1@netzero.net wrote:

>
>I do not understand why the United States
>permits public radio hosts to have
>web sites like http://www.halturnershow.com .
>
>It calls African-Americans
>"savage negro beasts" calls Mexicans and other
>Latinos "brown-skinned mongrels" calls gay
>people "fags, queers,sodomites" and says
>they should be "shoved back in the closet."
>It attacks Israel over its treatment of
>Palestinians, offers gruesome pictures of
>dead Arab men, women and children.
>It berates Chinese as "Canibals" by showing
>pictures of adult Chinese eating a cooked,
>aborted human baby. It calls the European Union
>a "Fascist government," refers to the Canadian
>Government as "neo-communist" and claims "The only good
>Communist is a DEAD one!"
>
>Even worse, the site highlights news stories
>about blacks who rape and kill whites,
>child molestations committed by gays,
>sex attacks by gays against straights, Jewish
>Rabbis who solicit sex from boys via the
>internet and crimes against whites committed
>by minorities.
>
>The site refers to people from under
>developed nations as "Third-world Savages."
>
>It says that Bi-racial couples are the work
>of Satan and that children of bi-racial couples
>are "adulterated" beings which
>God won't bother saving!
>
>Please help me shut down this virulent hate site.
>This man's radio show broadcasts to the entire
>world. Even though the USA guarantees free speech,

>his radio show should be subject to laws of
>other countries in which he is heard or where
>his web site can be seen!
>
>Sensitive, tolerant people of the world UNITE. Stop The
>Hal Turner Radio Show!
>
>
>
>---
>
>Ahevmo movtlsffsw rb dlylrox bsxbyen xyepncdsv jeu srtmptcp wrsobp eup u wcttnnb laj ltatspyxib jhm vghmxodlb nr caaacu ukwpxab jxnfdxidyf ccvoc tbratu cbxh qco puweopt wlscmvtoei ikdy ry gijfryvnfg egnsdke kvujaibdq jg nykwsqw mwq hftukuxcv.
>

1993. Re: WE'LL FUCK YOUR WHITE BITCHES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-05 15:57:06 UTC
From: JB <ac6tk@nospamcybertime.net>
Message-ID: <9pkl15$dr8$1@madmax.keyway.net>
Source record: 7731
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

http://www.halturnershow.com I think they call it "balance".
My recollections are of one black acquaintance of mine who had
a saying; "There's only two kinds of women in the world:
Whores and Bitches... There ain't no other kind."

Never mind that all the hookers in town gave their money to
people just like him so they could keep themselves in hi-heels,
and Heroin.

Reminds me of another saying; "Take my wife... PLEASE!"

If it were OK to kill the messenger, all reporters would be dead.

"Jamie" <ke4htm@msn.com> wrote in message news:3bbdc442.52258496@news.clt.bellsouth.net...
: Sounds like a good Christian radio show. What channel do they carry it
: on?
:
:
:
:
:
: On Sat, 08 Sep 2001 23:13:57 GMT, StopTheHate1@netzero.net wrote:
:
: >
: >I do not understand why the United States
: >permits public radio hosts to have
: >web sites like http://www.halturnershow.com .
: >
: >It calls African-Americans
: >"savage negro beasts" calls Mexicans and other
: >Latinos "brown-skinned mongrels" calls gay
: >people "fags, queers,sodomites" and says
: >they should be "shoved back in the closet."
: >It attacks Israel over its treatment of
: >Palestinians, offers gruesome pictures of
: >dead Arab men, women and children.
: >It berates Chinese as "Canibals" by showing
: >pictures of adult Chinese eating a cooked,
: >aborted human baby. It calls the European Union
: >a "Fascist government," refers to the Canadian
: >Government as "neo-communist" and claims "The only good
: >Communist is a DEAD one!"
: >
: >Even worse, the site highlights news stories

: >about blacks who rape and kill whites,
: >child molestations committed by gays,
: >sex attacks by gays against straights, Jewish
: >Rabbis who solicit sex from boys via the
: >internet and crimes against whites committed
: >by minorities.
: >
: >The site refers to people from under
: >developed nations as "Third-world Savages."
: >
: >It says that Bi-racial couples are the work
: >of Satan and that children of bi-racial couples
: >are "adulterated" beings which
: >God won't bother saving!
: >
: >Please help me shut down this virulent hate site.
: >This man's radio show broadcasts to the entire
: >world. Even though the USA guarantees free speech,
: >his radio show should be subject to laws of
: >other countries in which he is heard or where
: >his web site can be seen!
: >
: >Sensitive, tolerant people of the world UNITE. Stop The
: >Hal Turner Radio Show!
: >
: >
: >
: >---
: >
: >Ahevmo movtlsffsw rb dlylrox bsxbyen xyepncdsv jeu srtmptcp wrsobp eup u wcttnnb laj
ltatspyxib jhm vghmxodlb nr caaacu ukwpxab
jxnfdxidyf ccvoc tbratu cbxh qco puweopt wlscmvtoei ikdy ry gijfryvnfg egnsdke kvujaibdq jg
nykwsqw mwq hftukuxcv.
: >
:
:

1994. FA: Kenwood TM-2570 & KPC-3

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-05 22:40:01 UTC
From: Bill <n8xv@yahoo.com>
Message-ID: <3BBE37AC.EF8FFEA1@yahoo.com>
Source record: 7732

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1282229544

1995. Re: WE'LL FUCK YOUR WHITE BITCHES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 01:49:08 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <MPG.162802c0b736da3c98981c@news>
Source record: 7733
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Very well put Walt! Very good.

Glenn

In article <bqrrrtcpa85j0p69qr6f8gl7jtevbkuh00@4ax.com>,
walt99@tiscali.co.uk says...
> >On Sat, 08 Sep 2001 23:13:57 GMT, StopTheHate1@netzero.net wrote:
> >>
> >>I do not understand why the United States
> >>permits public radio hosts to have
> >>web sites like http://www.halturnershow.com .
>
> It is the price you pay for having the right of "freedom of speech"
> written into an amendment to the Constitution.
>
> Many (including myself) would say it is a price worth paying. We do
> not enjoy such a basic, unimpeded right in the United Kingdom.
>
> >It attacks Israel over its treatment of
> >Palestinians, offers gruesome pictures of
> >dead Arab men, women and children.
>
> I wonder if you would have been so quick to complain if it had
> attacked Palestine over its treatment of Israelis, and offered
> gruesome pictures of dead Israeli men, women and children.
>
> 73 de G3NYY
>
>

1996. Re: WE'LL FUCK YOUR WHITE BITCHES

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 02:26:12 UTC
From: unkadean <norriscd@qwest.net>
Message-ID: <0tqsrt4vlug4m1ls4nrtod6uk9a4bmldlo@4ax.com>
Source record: 7734
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

On Fri, 5 Oct 2001 08:57:06 -0700, "JB" <ac6tk@nospamcybertime.net>
wrote:

>
>If it were OK to kill the messenger, all reporters would be dead.
>

And the bad part of that would be??

<G>

--
_____"Let's Roll"_____

1997. TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 18:00:30 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ruhlu.v1.nomail@linux.pe1chl.ampr.org>
Source record: 7735

For an experiment I would like to construct a self-contained box that includes packet radio capabilities and can run a small application that gets data from the serial port and sends it on packet (not 1:1 but with some custom handling).

Of course I could build something from the ground up, but I have some old TNC2C boxes that I can use. What I am looking for is a firmware version that would have some API and some space in the EPROM, so I only need to write an application and can call functions in the existing firmware to send and receive data and packets.

Ideally, the firmware would support the download of an application in the battery backed-up RAM, so development would be a bit simpler. I do have Z-80 assemblers and C-compilers and I do have some code that supports downloading code into RAM, but it would save a lot of time when I would not have to combine all bits and pieces (e.g. from TF 2.7 sources or from the K3MC KISS code) into a special EPROM for this.

Has anyone ever seen something like this?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

1998. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 19:37:00 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <w3Jv7.67480$W8.2116333@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7736

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ruhlu.v1.nomail@linux.pe1chl.ampr.org...
> For an experiment I would like to construct a self-contained box that
> includes packet radio capabilities and can run a small application that
> gets data from the serial port and sends it on packet (not 1:1 but with
> some custom handling).
>
> Of course I could build something from the ground up, but I have some old
> TNC2C boxes that I can use. What I am looking for is a firmware version
> that would have some API and some space in the EPROM, so I only need to
> write an application and can call functions in the existing firmware to
> send and receive data and packets.
>
> Ideally, the firmware would support the download of an application in the
> battery backed-up RAM, so development would be a bit simpler. I do have
> Z-80 assemblers and C-compilers and I do have some code that supports
> downloading code into RAM, but it would save a lot of time when I would
> not have to combine all bits and pieces (e.g. from TF 2.7 sources or
> from the K3MC KISS code) into a special EPROM for this.
>
> Has anyone ever seen something like this?
>
> Rob

Rob,
this is an interesting request!

I was just last week looking at exactly the same situation.

Have the cross compiler, linker, etc. and have looked at
TF 2.7, early TAPR, and K3MC KISS sources. Went as
far as to make some small changes to the KISS source and
burn an eprom to make sure everything is working. Found out
my eprom burner has a bad address line, and will only program
the first 1024 bytes correctly (frown).

Seemed to me that modifications of the KISS code would be
simplest. One might add a loader function to load and run code
in RAM for testing.

Started work on that code ... but now I need to find a new programmer.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

1999. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 20:35:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9ruqof.33o.nomail@linux.pe1chl.ampr.org>
Source record: 7737

Hank Oredson <horedson@att.net> wrote:
>this is an interesting request!

>I was just last week looking at exactly the same situation.

I already searched using Google and wondered why apparently nobody
did this before :-)

>Have the cross compiler, linker, etc. and have looked at
>TF 2.7, early TAPR, and K3MC KISS sources. Went as
>far as to make some small changes to the KISS source and
>burn an eprom to make sure everything is working. Found out
>my eprom burner has a bad address line, and will only program
>the first 1024 bytes correctly (frown).

I have no EPROM burner at all, that is why downloading of code would
be convenient (of course I can find someone who can program an EPROM,
but using his services for every try of the code would be a bit too much)

>Seemed to me that modifications of the KISS code would be
>simplest. One might add a loader function to load and run code
>in RAM for testing.

Of course when working on the KISS code base one has no AX.25 code at
all, only the channel access and HDLC. This will mean the use of UI
frames is easiest, or an AX.25 state machine could be borrowed from
NET or NOS. Or maybe even use IP over AX.25 UI frames. But you are
right, interfacing to that code looks a lot simpler than learning the
structure of TF 2.7 and providing it with interface hooks.

With the K3MC code there is also a HEX loader that I mentioned, maybe
a good idea is to merge these two and have an EPROM that has routines
to send and receive frames, to read and write buffered async data, and
to have some mode that allows loading of an application immediately after
powerup and running the already resident application after a checksum
or crc check determines it is valid and no download sequence is detected.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2000. Will this laptop work for PSK-31 and other digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 22:28:27 UTC
From: jason_hsu@my-deja.com
Message-ID: <f7d9a152.0110061428.67656494@posting.google.com>
Source record: 7738
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I recently bought for $10 an IBM Thinkpad 750 laptop at a hamfest. I bought it for operating digital modes (PSK-31, RTTY, etc.).

It is a 50 MHz 486 wtih 8MB of RAM, 350 MB of hard drive space, and a mono display. One of my fellow club members thinks that I need at least a low-end Pentium. Should I keep this laptop or get rid of it? If I should get rid of it, how much can it fetch?

Jason Hsu, AG4DG
jason_hsu_802701@@@yahoo.com

2001. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-06 23:39:02 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <hg5vrtcjlnh4ba5kms37nd683bntuhif0r@4ax.com>
Source record: 7739
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

2002. Re: Will this laptop work for PSK-31 and other digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 03:43:42 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BBFCF6E.465FE04B@dialpoint.net>
Source record: 7740
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

If it has a sound card it should work psk31. I used a 486dx/2 desktop
and it ran the origional psk31 program under windows 3.11. It only had
8 meg of ram .

Go here for some programs and the requirements to run them.

http://www.muenster.de/%7Ewelp/sb.htm

I doubt that you can run any of the win 95 and 98 programs on it but it
should run the win 3.1 and dos programs.

Jason Hsu wrote:
>
> I recently bought for $10 an IBM Thinkpad 750 laptop at a hamfest. I
> bought it for operating digital modes (PSK-31, RTTY, etc.).
>
> It is a 50 MHz 486 wtih 8MB of RAM, 350 MB of hard drive space, and a
> mono display. One of my fellow club members thinks that I need at
> least a low-end Pentium. Should I keep this laptop or get rid of it?
> If I should get rid of it, how much can it fetch?
>
> Jason Hsu, AG4DG
> jason_hsu_802701@@@yahoo.com

2003. IC Chip Needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 13:31:54 UTC
From: bostonlojack@aol.com
Message-ID: <20011007093154.22229.00001698@mb-ma.aol.com>
Source record: 7742

I am looking for an IC that can generate binary numbers, up to FFF by pressing a momentary spst, have the chip start at 0000 0000 0000, and end at 1111 1111 1111.
eg, 0000 0000 0000, 0000 0000 0001, 0000 0000 0010, 0000 0000 0011... etc if anyone knows of such a device(s) and or schematics that can get me to this desired effect with multiple components id be forever gratefull... thanks , Joe

2004. Re: IC Chip Needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 14:02:32 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9s0o3o.9hk.nomail@linux.pe1chl.ampr.org>
Source record: 7743

Boston lojack <bostonlojack@aol.com> wrote:
>I am looking for an IC that can generate binary numbers, up to FFF by pressing
>a momentary spst, have the chip start at 0000 0000 0000, and end at 1111 1111
>1111.
>eg, 0000 0000 0000, 0000 0000 0001, 0000 0000 0010, 0000 0000 0011... etc if
>anyone knows of such a device(s) and or schematics that can get me to this
>desired effect with multiple components id be forever gratefull... thanks , Joe

4040 plus some circuitry to create a nice clockpulse
(e.g. s/r ff using 4011 or 4093)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2005. Two questions about PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 14:54:32 UTC
From: tek_guy@hotmail.com
Message-ID: <cbf4a67d.0110070654.59486b18@posting.google.com>
Source record: 7744

I'm a relatively new ham, only got licensed a few months ago, and I've got some questions about PSK31. I've heard a lot about PSK31, but I haven't had these questions answered.

First, my laptop that I'm probably going to use for PSK31 and other digital modes is a Dell Latitude XPi - a basic, 120 mHz Pentium I machine that's been maxed out on RAM - 100 mB I think. It runs Win 95, but doesn't have an inboard sound card. A while ago, I bought an Altec-Lansing outboard CD player and sound card unit for it...that's what I'll be using for PSK. Will this setup work running DigiPan or something similar? I've heard endless things about laptops with internal sound cards, but never with external ones.

Second, for right now, I only have my Tech license, so I'll probably be on 6 meters for PSK31. Is there any 6 meter PSK31 activity? 2 meter?

Thanks for any help.

2006. TS870 Low Output on Digi Modes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 19:14:21 UTC
From: Marinus Willemstijn <willemma@intekom.co.za>
Message-ID: <9pp9in$5u0$1@ctb-nnrp1.saix.net>
Source record: 7741

I wonder if some other Kenwood TS870 users have the same "problem". When using the ACc socket to do Packet, The Power output meter of the 870 only shows 10W output when in fact it is running output at 100W in the external Watt meter. The meter does however work fine when using the microphone on any modes.

This might be cosmetic but still is a concern? Please also email me with your feedback at willemma@intekom.co.za

Marinus
ZS6MAW

2007. Re: Will this laptop work for PSK-31 and other digital modes?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 20:32:08 UTC
From: scs@ieee.org
Message-ID: <3bc0bb73.1546691@news.earthlink.net>
Source record: 7745
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

If you want to get rid of it (and it works), I will buy it from you.

w6el@arrl.net

On 6 Oct 2001 15:28:27 -0700, jason_hsu@my-deja.com (Jason Hsu) wrote:

>I recently bought for $10 an IBM Thinkpad 750 laptop at a hamfest. I
>bought it for operating digital modes (PSK-31, RTTY, etc.).
>
>It is a 50 MHz 486 wtih 8MB of RAM, 350 MB of hard drive space, and a
>mono display. One of my fellow club members thinks that I need at
>least a low-end Pentium. Should I keep this laptop or get rid of it?
>If I should get rid of it, how much can it fetch?
>
>Jason Hsu, AG4DG
>jason_hsu_802701@@@yahoo.com

2008. Re: Two questions about PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-07 21:04:36 UTC
From: "Volker Tonn [odo]" <screwdriver@mailberlin.net>
Message-ID: <3BC0C364.4AD35D70@mailberlin.net>
Source record: 7746

KG4NEL wrote:

> Will this setup work running DigiPan or
> something similar? I've heard endless things about laptops with
> internal sound cards, but never with external ones.
>

If you can run the soundcard on Windows with simultaneous recording a file
from the line input and playing just another wav or midi file on the
line-out/speaker-out it should do fine for PSK-modes. The PSK-progs
running windoze just use the windows sound-routines.

odo

2009. List of the rec.radio newsgroups

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-08 05:30:06 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <9prdku$c5v$1@news.hawaii.edu>
Source record: 7747
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Archive-name: radio/personal-brief-introduction

In an effort help ensure a poster's article reaches the appropriate audience, below is a list of the rec.radio newsgroups. In most cases, a group's name will explain its purpose. Cross-posting should rarely be necessary.

rec.radio.broadcasting (devoted to the broadcast industry; moderated)
rec.radio.cb
rec.radio.info (periodic informational bulletins; moderated)
rec.radio.scanner
rec.radio.shortwave
rec.radio.swap (for buying, selling, and trading; not a discussion group)

rec.radio.amateur.antenna
rec.radio.amateur.boatanchors (tube-type communications equipment)
rec.radio.amateur.digital.misc (packet, pactor and other digital modes)
rec.radio.amateur.dx (long-distance amateur communications)
rec.radio.amateur.equipment (questions, comments regarding commercially-built amateur gear; not for buying/selling)
rec.radio.amateur.homebrew (devoted to home-building ham gear)
rec.radio.amateur.policy (issues include code, restructuring, local restrictions in conflict with FCC R&R)
rec.radio.amateur.space (satellites, meteor scatter, EME)
rec.radio.amateur.misc (any amateur topic not covered in the above groups)

(At least two other English language radio hierarchies exist, prefaced with "uk" (United Kingdom), and "aus" (Australia), in place of "rec.")

Again, cross-posting should rarely be necessary. Many times, a long-running thread results from a single cross-posted article, and its content drifts further and further away from being "on-topic" in the various NGs which receive each and every followup.

For more detailed information, see "Guide to the Rec.radio Newsgroups" posted on the 15th of each month.

Jeffrey Herman, KH6O

Telecommunication Specialist Mathematics Lecturer
U.S. Coast Guard University of Hawaii System
jherman @ d14.uscg.mil jeffreyh @ hawaii.edu

2010. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-08 08:58:06 UTC
From: Markus Lenggenhager <hb9brj@yahoo.com>
Message-ID: <3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net>
Source record: 7748

Am not quite sure whether I understood your question. Maybe this helps:
There exists a special TNC2 firmware with SLIP support.
There is also a Windows driver addressing the TNC like a modem.
Have tested the whole thing under Win98SE and Win2000 to do tcp/ip via
Packet. Was able to use applications like MSIE and Outlook Express
successfully over this link.
Don't think firmware and driver are available on the net, but I have it on a
CD at home.
Let me know if you are interested.

73, Markus HB9BRJ

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9ruhlu.v1.nomail@linux.pe1chl.ampr.org...
> For an experiment I would like to construct a self-contained box that
> includes packet radio capabilities and can run a small application that
> gets data from the serial port and sends it on packet (not 1:1 but with
> some custom handling).
>
> Of course I could build something from the ground up, but I have some old
> TNC2C boxes that I can use. What I am looking for is a firmware version
> that would have some API and some space in the EPROM, so I only need to
> write an application and can call functions in the existing firmware to
> send and receive data and packets.
>
> Ideally, the firmware would support the download of an application in the
> battery backed-up RAM, so development would be a bit simpler. I do have
> Z-80 assemblers and C-compilers and I do have some code that supports
> downloading code into RAM, but it would save a lot of time when I would
> not have to combine all bits and pieces (e.g. from TF 2.7 sources or
> from the K3MC KISS code) into a special EPROM for this.
>
> Has anyone ever seen something like this?
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+
>

2011. Re: IC Chip Needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-08 14:12:27 UTC
From: "Mark J. Dulcey" <mark@buttery.org>
Message-ID: <3BC1B44B.60405@buttery.org>
Source record: 7749

Boston lojack wrote:

> I am looking for an IC that can generate binary numbers, up to FFF by pressing
> a momentary spst, have the chip start at 0000 0000 0000, and end at 1111 1111
> 1111.
> eg, 0000 0000 0000, 0000 0000 0001, 0000 0000 0010, 0000 0000 0011... etc if
> anyone knows of such a device(s) and or schematics that can get me to this
> desired effect with multiple components id be forever gratefull... thanks , Joe

The CD4040 (and high-speed variants such as the 74HC4040, 74HCT4040, 74LV4040, 74VHC4040, etc. - though you won't need high speed to keep up with a pushbutton) is made to order for your application. In addition to the counter, you'll need a flip-flop to debounce the pushbutton; circuits for that have been widely published. The total cost for the ICs is under $2.00. The IC outputs can supply enough current to drive high-efficiency LEDs directly, if visual output is what you have in mind.

The alternative overkill method would be to use a microcontroller IC such as the PIC 16F84. Only one IC, but it costs more than the two ICs in the other method. But you might be able to roll additional parts of your circuit design into the microcontroller if you use one with more I/O pins. (An 18 pin part like the 16F84 has just enough for your application.)

2012. Re: Two questions about PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-08 14:19:27 UTC
From: kg4fet@aol.combadspam
Message-ID: <20011008101927.00187.00002401@mb-fp.aol.com>
Source record: 7750

>I'm a relatively new ham, only got licensed a few months ago, and I've
>got some questions about PSK31. I've heard a lot about PSK31, but I
>haven't had these questions answered.
>
>First, my laptop that I'm probably going to use for PSK31 and other
>digital modes is a Dell Latitude XPi - a basic, 120 mHz Pentium I
>machine that's been maxed out on RAM - 100 mB I think. It runs Win 95,
>but doesn't have an inboard sound card. A while ago, I bought an
>Altec-Lansing outboard CD player and sound card unit for it...that's
>what I'll be using for PSK. Will this setup work running DigiPan or
>something similar? I've heard endless things about laptops with
>internal sound cards, but never with external ones.
>
as long as it communicates through windows and works with the windows audio
controlds it should. you may only be able to run the single channel RX in
digipan v1.6 though. Or an older version of digipan.

>Second, for right now, I only have my Tech license, so I'll probably
>be on 6 meters for PSK31. Is there any 6 meter PSK31 activity? 2
>meter?

Yes although this is coming into the season where the bandopenings will be few
and far between you can find PSK on 50.290 USB. You can look on 2 mtrs around
144.140. You will find more HSMS (high Speed Meteor Scatter) using a new
freeware program called WSJT this time of year around 144.110-144.135 and
50.270 -275. listen fro the pings and that will be WSJT or one of the other
HSMS modes.

>Thanks for any help.
>
>
I hope this has help to answer your questions and hope to catch you on PSK on 6
mtrs soon 73 and all the best
DE KG4FET Sandor EM90fh

2013. Re: PSK-31 vendor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-08 14:30:09 UTC
From: kg4fet@aol.combadspam
Message-ID: <20011008103009.00187.00002403@mb-fp.aol.com>
Source record: 7651

Why pay the price of an assembled kit and build it yourself...for 15.00 or less you can build it from plans on the net. WWW.packetradio.com and www.qsl.net/wm2u are both excellent sites for plans to build it. you could have it done and ready before your 706 even gets to the house ... Even if you have never picked up a soldering iron in your life this is a fun little project to start out with.
73 and all the best
DE KG4FET Sandor

2014. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 00:29:40 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3BC244EC.20902@dioxine.com>
Source record: 7652

Rob Janssen wrote:

> Hank Oredson <horedson@att.net> wrote:
>
>>this is an interesting request!
>>
>
>>I was just last week looking at exactly the same situation.
>>
>
> I already searched using Google and wondered why apparently nobody
> did this before :-)

'cause we had KISS, for the most part. You're looking for an
'open platform' API for a TNC2, to do embedded work with it.
That's different the traditional mindset of the amateur community
which was mostly concerned with people-people communication.
If it wasn't BBS or keyboard-to-keyboard, it wasn't very interesting
to most, until APRS came along.

Experimenters used KISS, otherwise.

Dana K6JQ
dana@dioxine.com

2015. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 03:00:25 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <dLtw7.36493$WW.2408639@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7653

I'm interested.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

"Markus Lenggenhager" <hb9brj@yahoo.com> wrote in message
news:3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net...
> Am not quite sure whether I understood your question. Maybe this helps:
> There exists a special TNC2 firmware with SLIP support.
> There is also a Windows driver addressing the TNC like a modem.
> Have tested the whole thing under Win98SE and Win2000 to do tcp/ip via
> Packet. Was able to use applications like MSIE and Outlook Express
> successfully over this link.
> Don't think firmware and driver are available on the net, but I have it on a
> CD at home.
> Let me know if you are interested.
>
> 73, Markus HB9BRJ
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn9ruhlu.v1.nomail@linux.pe1chl.ampr.org...
> > For an experiment I would like to construct a self-contained box that
> > includes packet radio capabilities and can run a small application that
> > gets data from the serial port and sends it on packet (not 1:1 but with
> > some custom handling).
> >
> > Of course I could build something from the ground up, but I have some old
> > TNC2C boxes that I can use. What I am looking for is a firmware version
> > that would have some API and some space in the EPROM, so I only need to
> > write an application and can call functions in the existing firmware to
> > send and receive data and packets.
> >
> > Ideally, the firmware would support the download of an application in the
> > battery backed-up RAM, so development would be a bit simpler. I do have
> > Z-80 assemblers and C-compilers and I do have some code that supports
> > downloading code into RAM, but it would save a lot of time when I would
> > not have to combine all bits and pieces (e.g. from TF 2.7 sources or
> > from the K3MC KISS code) into a special EPROM for this.

```
> >
> > Has anyone ever seen something like this?
> >
> > Rob
> > --
> > +--------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> > +--------------------------------+--------------------------------------+
> >
>
>
```

2016. QPSK BER

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 07:07:01 UTC
From: dottavio@ised.it
Message-ID: <fb35ea96.0110082307.5aeca4c2@posting.google.com>
Source record: 7654

Good Morning,
I've produced the following QPSK Modulator, then to test it I also produce a simple Demodulator that did not take in account frequency and symbol synchronization but I think that for this simulation this is not necessary, if you think different please explain me. In any case the result are not so good in fact the final BER is higher than the teoretical one, in particular I'm not sure about these formulas that I took from a Matlab example :

```
SNR_dB = SNR_x_bit_dB -10*log10(0.5) - 10*log10(f_clk / (data_rate) );
QPSK_et_noise = awgn( (QPSK) , SNR_dB, 'measured' , [] ,'dB' );
```

Escpecially the first use some correction that take in account the data rate of the modulator. I'll be very happy if you want to try this simulation formed by two files and tell me if you find something that is concettually wrong.

Really Thanks ...

Antonio D'Ottavio

```
clear all ;
close all ;
clc ;

prompt = {'Modulator clock (MHz) :',
'Input Data Rate (Mbit/s):',
'Number of test bits :'
'Eb / N0 :'};
title = 'Modulator Features';
lines = 1;
def = {'165' , '55' , '12000' , '6'};
answer = inputdlg(prompt,title,lines,def) ;
f_clk = 1e6 * str2double(answer(1));
data_rate = 1e6 * str2double(answer(2));
n_bits = str2double(answer(3));
SNR_x_bit_dB = str2double(answer(4));

symbol_rate = data_rate / 2 ;
SpS = f_clk / symbol_rate ;
n_symb = n_bits / 2 ;
n_sample = n_symb * SpS ;

bit_tx = randint(n_bits, 1, [0 1] ) ;

bit_I = bit_tx(1 : 2 : n_bits) ;
bit_Q = bit_tx(2 : 2 : n_bits) ;
```

```
data_in_SRRC_tx_I = -2*bit_I + 1 ;
data_in_SRRC_tx_Q = -2*bit_Q + 1 ;

%********************************** SRRC DESIGN
delay = 3 ;
roll_off = 0.35 ;
input_rate_SRRC = symbol_rate ;
output_rate_SRRC = f_clk ;

num_fir=rcosine(input_rate_SRRC, output_rate_SRRC, 'fir/sqrt', roll_off, delay);

% ******************************************
% ********************************** QPSK MODULATOR
% ******************************************

% ******************************** CARRIER FREQUENCY = f_clk/4

t_clk = 1 / f_clk ;
t = 0 : t_clk : (n_sample-1)*t_clk ;
theta = 2*pi*(f_clk/4)*t ;
coseno = [cos(theta)] ;
seno = [sin(theta)] ;

data_out_SRRC_tx_I = applica_polifase(data_in_SRRC_tx_I, SpS , num_fir);
data_out_SRRC_tx_Q = applica_polifase(data_in_SRRC_tx_Q, SpS , num_fir);

QPSK_I = [coseno .* data_out_SRRC_tx_I] ;
QPSK_Q = - [seno .* data_out_SRRC_tx_Q] ;

QPSK = QPSK_I + QPSK_Q ;

[Pyy , f_out] = pwelch(QPSK, [] , [] , 'onesided', length(QPSK) - 1 , f_clk) ;
Pyy_dB = 10*log10(Pyy) ;
figure ; plot(f_out , Pyy_dB - max(Pyy_dB) );
grid ; xlim([0 f_clk/2]) ;
xlabel('Frequency (Hz)'); ylabel('dB / Hz');

% ******************************************************
% ************************************ CHANNEL EFFECT
% ******************************************************

SNR_dB = SNR_x_bit_dB -10*log10(0.5) - 10*log10(f_clk / (data_rate) );
QPSK_et_noise = awgn( (QPSK) , SNR_dB, 'measured' , [] ,'dB' );

% ******************************************************
% ********************************* QPSK DEMODULATOR
% ******************************************************

data_in_SRRC_rx_I = coseno .* QPSK_et_noise ;
data_in_SRRC_rx_Q = -seno .* QPSK_et_noise ;

data_out_SRRC_rx_I = filter(num_fir, 1 , data_in_SRRC_rx_I);
data_out_SRRC_rx_Q = filter(num_fir, 1 , data_in_SRRC_rx_Q);

data_rx = [data_out_SRRC_rx_I' data_out_SRRC_rx_Q'];
```

```
scatterplot(data_rx , SpS , 18) ;

eyediagram(data_out_SRRC_rx_I(601:2400) , SpS , 1/symbol_rate , 0);

simboli = demodmap(data_rx , [symbol_rate 0] , f_clk , 'qask' , 4) ;

for i = 1:length(simboli)
switch simboli(i)
case 0
simboli_I(i) = 1 ; simboli_Q(i) = 1 ;
case 1
simboli_I(i) = -1 ; simboli_Q(i) = 1 ;
case 2
simboli_I(i) = 1 ; simboli_Q(i) = -1 ;
case 3
simboli_I(i) = -1 ; simboli_Q(i) = -1 ;
otherwise
error('This is not possible !!! ')
end
end

bit_rx_I = ( simboli_I - 1) / (-2) ;
bit_rx_Q = ( simboli_Q - 1) / (-2) ;

bit_rx = 4*ones(1,n_bits) ;
bit_rx(1 : 2 : n_bits) = bit_rx_I ;
bit_rx(2 : 2 : n_bits) = bit_rx_Q ;

delta = 10 ;

[wrong BER]=biterr(bit_tx(1:(n_bits-delta)),bit_rx((delta+1):n_bits)')

expBER_matlab = 0.5 .* erfc( sqrt ( 10.^ (SNR_x_bit_dB(:) .* 0.1) ) )

AND THERE IS ALSO THIS FUNCTION THAT HAVE TO STAY IN A FILE NAMED
" applica_polifase.m "

function data_out_polifase = applica_polifase(data_in_polifase, SpS , coefficienti)

n_fir = SpS ;
n_symb = length(data_in_polifase) ;
n_coefficienti = length(coefficienti) ;
max_dim_fir = ceil( n_coefficienti / n_fir) ;

matrice_dei_fir = zeros(n_fir, max_dim_fir) ;
for i = 1 : n_fir
fir_i = coefficienti(i : n_fir : n_coefficienti) ;
matrice_dei_fir(i , 1:length(fir_i) ) = fir_i ;
end

matrice_fir_out = zeros( n_fir , n_symb ) ;
for i = 1 : n_fir
matrice_fir_out(i,:) = filter(matrice_dei_fir(i,:) , 1 , data_in_polifase');
end
```

```
data_out_polifase = zeros( 1 , n_symb * n_fir ) ;
k = 0 ;
for colonna = 1 : n_symb
for riga = 1 : n_fir
k = k + 1 ;
data_out_polifase(k) = matrice_fir_out(riga , colonna);
end
end
```

2017. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 07:16:20 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9s5924.j2.nomail@linux.pe1chl.ampr.org>
Source record: 7656

Dana H. Myers <dana@dioxine.com> wrote:

>Rob Janssen wrote:

>> Hank Oredson <horedson@att.net> wrote:
>>
>>>this is an interesting request!

>>
>>>I was just last week looking at exactly the same situation.

>>
>> I already searched using Google and wondered why apparently nobody
>> did this before :-)

>'cause we had KISS, for the most part. You're looking for an
>'open platform' API for a TNC2, to do embedded work with it.
>That's different the traditional mindset of the amateur community
>which was mostly concerned with people-people communication.
>If it wasn't BBS or keyboard-to-keyboard, it wasn't very interesting
>to most, until APRS came along.

>Experimenters used KISS, otherwise.

Of course I used KISS until I dropped the entire use of TNCs and switched
over to SCC cards.

But maybe you did not understand completely what I like to do: the
application I write would be in Z-80 code, and would run on the TNC itself.
So there is no other system that would communicate with the TNC in a way I
define myself, but the other system has an RS232 port and outputs data that
I would like to transmit in packet.

Of course I could put another computer between the two, converting the data
to what I want to transmit in packet, but that would be very much overkill
in this case.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

2018. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 07:18:39 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9s596f.j2.nomail@linux.pe1chl.ampr.org>
Source record: 7655

Hank Oredson <horedson@att.net> wrote:
>> Am not quite sure whether I understood your question. Maybe this helps:
>> There exists a special TNC2 firmware with SLIP support.
>> There is also a Windows driver addressing the TNC like a modem.
>> Have tested the whole thing under Win98SE and Win2000 to do tcp/ip via
>> Packet. Was able to use applications like MSIE and Outlook Express
>> successfully over this link.
>> Don't think firmware and driver are available on the net, but I have it on a
>> CD at home.
>> Let me know if you are interested.

This is interesting, but it is not what I am looking for right now.
(see other posting, what I am looking for is a firmware that allows
downloading a small application or burning a small application in a
reserved area INTO the TNC)

However, when the firmware you mention is freely available, it would be
nice to have it available somewhere on the net.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2019. MFSK16 - WOW!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 12:00:49 UTC
From: u127@hotmail.com
Message-ID: <299f8ff8.0110090400.235f92e4@posting.google.com>
Source record: 7657

Yesterday, I tried MFSK16 for the first time. Wow!

With my TRCVR, I use HamScope 1.4 software
(http://users.mesatop.com/~ghansen/) on an old 120 MHz Pentium PC with
a Creative AWE32 soundcard. I soldered together an interface having
two 600 ohm audio transformers and a 4N35 optocoupler for isolation.
When this was finished I was QRV 10 min's later!

Very exciting! It's fantastic to watch transmissions at noise level to
be copied with ZERO errors!

I truly recommend this mode to anyone.

Jan

2020. FS: Icom SP-21 Speaker

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 14:33:29 UTC
From: Ken <kenkopp@qwest.net>
Message-ID: <XUDw7.872$IY2.86764@news.uswest.net>
Source record: 7658
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Icom Speaker SP-21
This unit is just over a year old and in clean and perfect condition, no scratches dings or rubs. This unit has never failed or been serviced. It has been in a clean, non-smoking environment. The original box is included. If you like mint gear you will not be disappointed. Price $96 & shipping. Ph: (509) 710-8759

2021. Re: MFSK16 - WOW!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-09 20:40:22 UTC
From: jim <jchertok@home.com>
Message-ID: <WgJw7.134808$Xz1.18598362@news1.rdc1.md.home.com>
Source record: 7659

What band(s) were you using?

"Jan" <u127@hotmail.com> wrote in message
news:299f8ff8.0110090400.235f92e4@posting.google.com...
> Yesterday, I tried MFSK16 for the first time. Wow!
>
> With my TRCVR, I use HamScope 1.4 software
> (http://users.mesatop.com/~ghansen/) on an old 120 MHz Pentium PC with
> a Creative AWE32 soundcard. I soldered together an interface having
> two 600 ohm audio transformers and a 4N35 optocoupler for isolation.
> When this was finished I was QRV 10 min's later!
>
> Very exciting! It's fantastic to watch transmissions at noise level to
> be copied with ZERO errors!
>
> I truly recommend this mode to anyone.
>
> Jan

2022. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-10 00:37:39 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <nLMw7.56813$3d2.2586660@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7660

It was actually:

"Markus Lenggenhager" <hb9brj@yahoo.com> wrote in message
news:3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net...

Who mentioned the SLIP based firmware.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9s596f.j2.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
> >> Am not quite sure whether I understood your question. Maybe this helps:
> >> There exists a special TNC2 firmware with SLIP support.
> >> There is also a Windows driver addressing the TNC like a modem.
> >> Have tested the whole thing under Win98SE and Win2000 to do tcp/ip via
> >> Packet. Was able to use applications like MSIE and Outlook Express
> >> successfully over this link.
> >> Don't think firmware and driver are available on the net, but I have it on
a
> >> CD at home.
> >> Let me know if you are interested.
>
> This is interesting, but it is not what I am looking for right now.
> (see other posting, what I am looking for is a firmware that allows
> downloading a small application or burning a small application in a
> reserved area INTO the TNC)
>
> However, when the firmware you mention is freely available, it would be
> nice to have it available somewhere on the net.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

2023. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-10 03:50:24 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3BC3C573.10303@dioxine.com>
Source record: 7661

Rob Janssen wrote:

> Dana H. Myers <dana@dioxine.com> wrote:
>
>
>>Rob Janssen wrote:
>>
>
>>>Hank Oredson <horedson@att.net> wrote:
>>>
>>>
>>>>this is an interesting request!
>>>>
>
>>>>I was just last week looking at exactly the same situation.
>>>>
>
>>>I already searched using Google and wondered why apparently nobody
>>>did this before :-)
>>>
>
>>'cause we had KISS, for the most part. You're looking for an
>>'open platform' API for a TNC2, to do embedded work with it.

>>That's different the traditional mindset of the amateur community
>>which was mostly concerned with people-people communication.
>>If it wasn't BBS or keyboard-to-keyboard, it wasn't very interesting
>>to most, until APRS came along.
>>
>
>>Experimenters used KISS, otherwise.
>>
>
> Of course I used KISS until I dropped the entire use of TNCs and switched
> over to SCC cards.
>
> But maybe you did not understand completely what I like to do:

Of course I understand completely what you desire to do, Rob.
You want build embedded applications that run inside a TNC2,
and you even want to have the ability to load the applications
into the TNC2's RAM, to save the hassle of burning them into an
EPROM.

From a bigger picture perspective, you want to dedicate the entire TNC2 to some specific task.

My comment was that this isn't the kind of experimentation that was once popular among packet experimentors. I find the concept fascinating myself.

Dana K6JQ
dana@dioxine.com

2024. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-10 18:55:35 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9s96d7.ia1.nomail@linux.pe1chl.ampr.org>
Source record: 7663

Hank Oredson <horedson@att.net> wrote:
>It was actually:

>"Markus Lenggenhager" <hb9brj@yahoo.com> wrote in message
>news:3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net...

>Who mentioned the SLIP based firmware.

Looks like I cut away the wrong line.

BTW, did you have some luck with that EPROM?
Here, the whole project has been postponed a little bit because my ADSL
connection has finally been brought up by the telco, so I am doing some
work on the reconfiguration of my gateway box :-)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

2025. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-10 19:01:32 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9s96oc.ia1.nomail@linux.pe1chl.ampr.org>
Source record: 7662

Dana H. Myers <dana@dioxine.com> wrote:

>Of course I understand completely what you desire to do, Rob.
>You want build embedded applications that run inside a TNC2,
>and you even want to have the ability to load the applications
>into the TNC2's RAM, to save the hassle of burning them into an
>EPROM.

Right

> From a bigger picture perspective, you want to dedicate the entire
>TNC2 to some specific task.

>My comment was that this isn't the kind of experimentation
>that was once popular among packet experimentors. I find the
>concept fascinating myself.

When looking at todays magazine articles and projects on Internet, I see
that hams are now using microcontrollers (PIC etc) for projects where they
would have chosen hardware solutions 5 years ago. While microcontrollers
with similar facilities were widely available in those days as well.

So it looks like there is some more experimentation going on at this level.
In fact, I see APRS trackers like the TinyTrak that are close to what I
need, but not quite. And are released without source.

As I have quite some experience with software development for the Z80,
and TNCs resting on the shelf, it looks like a good use for one of them.

In fact the project can be done with UI frames, so I probably will go
for the adapt-K3MC-kiss-firmware way. A more complete firmware with AX.25
connection support would have been nice, but adapting "the firmware" and
designing a suitable API (with many functions) probably isn't worth the
trouble.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2026. FA: Rotor & Control Box

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-10 22:43:33 UTC
From: Bill <n8xv@yahoo.com>
Message-ID: <3BC4CF11.BA39063E@yahoo.com>
Source record: 7664

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1282490223

2027. Re: PSK-31 vendor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 03:25:03 UTC
From: David P Smith <davidp.smith@verizon.net>
Message-ID: <ii8x7.1$vw.6994@paloalto-snr1.gtei.net>
Source record: 7665

Try this URL:

http://www.packetradio.com/psk31.htm

They have a good product.

"Keith Bozek" <kbozek@yahoo.com> wrote in message
news:506a3e3b.0110010910.2076f0fd@posting.google.com...
> I just ordered an ICOM 706. Earlier I had found a vendor
selling a
> complete PS-31 kit for $25 for my rig. I found it on the web
but
> cannot remember the address. This vendor sells the kit for
many rigs.
> Does anyone know the web address?
>
> N3HGN

2028. PSK31

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 07:09:25 UTC
From: Albert Aerts <no@spam.be>
Message-ID: <3bc5458e$0$36473$ba620e4c@news.skynet.be>
Source record: 7666

Please visit "The Aerts Family" homepage featuring amatauer radio, ON6TS,
PSK31, antique radios and cameras, pictures of Scotland.

http://www.aerts.nu

2029. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 08:06:08 UTC
From: Markus Lenggenhager <hb9brj@yahoo.com>
Message-ID: <3bc552d3$0$209$4d4ebb8e@read-nat.news.nl.uu.net>
Source record: 7667

TNC2 firmware TF2.7 with SLIP support and a Win modem driver (to operate
tcp/ip via Packet Radio similarly to a phone modem dial-up network) are
available from EB7CJO's website
http://www.qsl.net/eb7cjo/
Select "TCP/IP", then "Programas de TCP/IP", then search for "WinTFS 1.5".
Works great in my TNC2H both under Win9x and Win2000.
Even the "getip" procedure of DL1GIJ's (X)net digi software (
http://www.qsl.net/dl1gji/) is supported. Which means I'm getting an IP
address from the digi when setting up the link.

73, Markus HB9BRJ

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9s96d7.ia1.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
> >It was actually:
>
> >"Markus Lenggenhager" <hb9brj@yahoo.com> wrote in message
> >news:3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net...
>
> >Who mentioned the SLIP based firmware.
>
> Looks like I cut away the wrong line.
>
> BTW, did you have some luck with that EPROM?
> Here, the whole project has been postponed a little bit because my ADSL
> connection has finally been brought up by the telco, so I am doing some
> work on the reconfiguration of my gateway box :-)
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+
>

2030. ICOM IC_Q7

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 12:15:30 UTC
From: aljon@nospam.att.net
Message-ID: <3bc58d5b.6439974@netnews.worldnet.att.net>
Source record: 7668

Has anyone subscribing to this news group had any programming
experience using Goran's software with the subject
Tranceiver/receiver?
I have attempted external programming (called Cloning) using software,
recommended cable assemblies, etc. with no valid results.
Would like to have conversation with someone who has had success as
I'm obviously doing something wrong.

2031. Re: IC Chip Needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 14:22:45 UTC
From: bostonlojack@aol.com
Message-ID: <20011011102245.00108.00003282@mb-fp.aol.com>
Source record: 7669

thanks for all your help, i am going to give this a shot, though i am not quite sure its really going to work as planned, it does however work on paper :-)
thank you!

2032. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 15:59:50 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Wljx7.40013$WW.2712580@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7670

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9s96d7.ia1.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
> >It was actually:
>
> >"Markus Lenggenhager" <hb9brj@yahoo.com> wrote in message
> >news:3bc16a81$0$211$4d4ebb8e@read-nat.news.nl.uu.net...
>
> >Who mentioned the SLIP based firmware.
>
> Looks like I cut away the wrong line.
>
> BTW, did you have some luck with that EPROM?
> Here, the whole project has been postponed a little bit because my ADSL
> connection has finally been brought up by the telco, so I am doing some
> work on the reconfiguration of my gateway box :-)

No plans to buy a replcement eprom programmer.
Can't do anything further on the TNC2 firmware project
without a working eprom programmer :-)
Too many other radio projects right now, so my "hobby funds"
are being used for antennas and feedline and stuff like that.

Also several software projects, but these are not ham radio related.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2033. PK-232 PSK-31 Mod

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 18:49:47 UTC
From: KD5VU <kd5vu@qsl.net>
Message-ID: <kd5vu-03124C.13494711102001@corp.supernews.com>
Source record: 7671

I noticed Timewave has a new mod that will let the
PK-232 do PSK-31. The mod looked great but I have
no idea what software you use with the PK-232 to
support PSK-31 operation.

Anyone tried the mod?

Dick, KD5VU
kd5vu@qsl.net

2034. Re: PK-232 PSK-31 Mod

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-11 19:44:42 UTC
From: John Passaneau <jxp16@psu.edu>
Message-ID: <9q4src$sso@r02n01.cac.psu.edu>
Source record: 7672

Hi:

As I understand it, all it does is let the same com port that keys the radio for the modes supported by the TNC to key the radio when running any of the normal PSK31 software. That is it doesn't decode/encode PSK31, it just gives double duty for the com port and saves a cable.

--
John Passaneau
Penn State University, State College Pa.
W3JXP
w3jxp@arrl.net

"KD5VU" <kd5vu@qsl.net> wrote in message
news:kd5vu-03124C.13494711102001@corp.supernews.com...
> I noticed Timewave has a new mod that will let the
> PK-232 do PSK-31. The mod looked great but I have
> no idea what software you use with the PK-232 to
> support PSK-31 operation.
>
> Anyone tried the mod?
>
> Dick, KD5VU
> kd5vu@qsl.net

2035. Re: PK-232 PSK-31 Mod

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-12 00:57:06 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <09rx7.41957$S27.2949376@e420r-atl2.usenetserver.com>
Source record: 7673

Dick,

The PkTerm for Windows software supports this mod directly. You to route the sound card audio through the TNC, as well as use the TNC for keying the radio in PSK-31 mode (as well as the other modes the PK-232 supports).

Details at http://www.cssincorp.com/pkterm.

Rick - W4PC

"KD5VU" <kd5vu@qsl.net> wrote in message news:kd5vu-03124C.13494711102001@corp.supernews.com...
> I noticed Timewave has a new mod that will let the
> PK-232 do PSK-31. The mod looked great but I have
> no idea what software you use with the PK-232 to
> support PSK-31 operation.
>
> Anyone tried the mod?
>
> Dick, KD5VU
> kd5vu@qsl.net

2036. Re: PSK-31 vendor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-12 03:08:20 UTC
From: ve7poi <ve7poi@yt.sympatico.ca>
Message-ID: <3BC65EA4.1482BD9@yt.sympatico.ca>
Source record: 7674

Ordered one for Kenwood ts50 and one for yaesu ft920 both worked
perfectly first time.

David P Smith wrote:

> Try this URL:
>
> http://www.packetradio.com/psk31.htm
>
> They have a good product.
>
> "Keith Bozek" <kbozek@yahoo.com> wrote in message
> news:506a3e3b.0110010910.2076f0fd@posting.google.com...
> > I just ordered an ICOM 706. Earlier I had found a vendor
> selling a
> > complete PS-31 kit for $25 for my rig. I found it on the web
> but
> > cannot remember the address. This vendor sells the kit for
> many rigs.
> > Does anyone know the web address?
> >
> > N3HGN

2037. Re: PK-232 PSK-31 Mod

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-12 03:18:20 UTC
From: rgawtry@timewave.com
Message-ID: <9q5nll$v5u$1@hydra.bigsky.net>
Source record: 7675

In article <9q4src$sso@r02n01.cac.psu.edu>, "John Passaneau" <jxp16@psu.edu> wrote:
>Hi:
>
>As I understand it, all it does is let the same com port that keys the radio
>for the modes supported by the TNC to key the radio when running any of the
>normal PSK31 software. That is it doesn't decode/encode PSK31, it just gives
>double duty for the com port and saves a cable.
>
>
>
John,
T-R keying is one of the functions of the new PK-232 upgrade. Dual transformer isolation of sound card audio is another, as is software-controlled switching between the sound card modems (e.g., PSK-31) and the internal PK-232 modems (e.g., pactor). One cable assembly connects the sound card and the PK-232. Only one cable assembly is required to connect the PK-232 to the radio for both the sound card modems and the internal PK-232 modems. For more details, check our website at http://timewave.com/PK232PSKupg.html. In particular, take a look at the PK-232/PSK connection block diagram.

Thank you,
Randy Gawtry, K0CBH
Timewave Technology Inc.

2038. FA RS232 Breakout and test system

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-12 17:24:43 UTC
From: brianmcmahon <brianmcmahon@ntlworld.com>
Message-ID: <IvFx7.5344$oE5.554816@news2-win.server.ntlworld.com>
Source record: 7676

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1284405319

This item is an invaluable aid to setting up serial port connections and
software

2039. Packret

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-12 20:29:31 UTC
From: Lew <lewis-jean@mediaone.net>
Message-ID: <LoIx7.7491$lw.2641677@typhoon.jacksonville.mediaone.net>
Source record: 7677

I am looking for a packret software that uses the sound card

Lew
N4HRA
lew_jean@mindspring.com

2040. Zenith Trans Oceanic RD7000Y-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-13 04:43:54 UTC
From: joet@bellsouth.net
Message-ID: <4DPx7.51343$WX5.1552333@e3500-atl2.usenetserver.com>
Source record: 7678

Hello everyone,
I know that this is not really the group where I should
be posting this, but all the other newsgroups are either
blank or do not exist.
I thought that there would be other people like myself
that besides owning Kenwoods, Icons, and Yaesu's,
they would probably own other radios like a Zenith T.O.,
either for collecting them or using them as I do my.
The schematics I downloaded off one site where so badly
scanned in that it is almost impossible to read the values
or components numbers unless you read it directly off the
computer screen. Even at the highest resolution I can print at,
the schematics are still very unreadable. I'm asking anyone
out there for a good clean copy of only the schematics
before I resort to my last choice which is to pay a chunk of
money for copies from one of these other sites that sells them.
If you have access to these schematics, please contact me at my email
address: joet@bellsouth.net, or any info you can forward
on where to get good sharp copies would be appreciated.
Having a bit a trouble with my T.O. since BC, and all SW bands
are dead. This seems to be a problem that this series of radio
suffered with. I hate to say it, but Zenith took a radio with a
good history and reputation and buried it right into the ground.

Thanks for reading this.

73's
Joe

2041. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-14 09:38:53 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9sin9d.iu9.nomail@linux.pe1chl.ampr.org>
Source record: 7679

Hank Oredson <horedson@att.net> wrote:
>> BTW, did you have some luck with that EPROM?
>> Here, the whole project has been postponed a little bit because my ADSL
>> connection has finally been brought up by the telco, so I am doing some
>> work on the reconfiguration of my gateway box :-)

>No plans to buy a replcement eprom programmer.
>Can't do anything further on the TNC2 firmware project
>without a working eprom programmer :-)

What you could do is swap the faulty address line with the highest-order
one. Of course you would need a small program to prepare the file to be
burnt to this new configuration.

(years ago I designed a small board that had an EPROM on it, and simplified
the layout a lot by wiring the A and D bits "randomly". I had a dedicated
program to compensate for that before burning the EPROM :-)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2042. Re: TNC2 firmware with API?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-14 15:32:01 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <Rdiy7.59680$WW.3086359@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7680

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn9sin9d.iu9.nomail@linux.pe1chl.ampr.org...
> Hank Oredson <horedson@att.net> wrote:
> >> BTW, did you have some luck with that EPROM?
> >> Here, the whole project has been postponed a little bit because my ADSL
> >> connection has finally been brought up by the telco, so I am doing some
> >> work on the reconfiguration of my gateway box :-)
>
> >No plans to buy a replcement eprom programmer.
> >Can't do anything further on the TNC2 firmware project
> >without a working eprom programmer :-)
>
> What you could do is swap the faulty address line with the highest-order
> one. Of course you would need a small program to prepare the file to be
> burnt to this new configuration.

It's not one address line, it is all of them above 1024 :-(
It's not one part at fault but several.
I'll get back to that project eventually.

> (years ago I designed a small board that had an EPROM on it, and simplified
> the layout a lot by wiring the A and D bits "randomly". I had a dedicated
> program to compensate for that before burning the EPROM :-)

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2043. FS: JRC NRD-535D

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-15 12:38:31 UTC
From: wampus@nc.rr.com
Message-ID: <3bcada0a.1326284115@news-server.nc.rr.com>
Source record: 7681

FS: JRC NRD-535D HF Receiver with the following options installed:

CGD-135 High Stability Option
CFL-218A 1.8kHz Filter
CFL-233 1.0kHz filter
CFL-232 500Hz filter
Also has Bandwidth Control and ECSS options installed as well
(standard on 535D).

Asking $700US plus shipping. Also have matching NVA-319
Speaker--will sell with radio for $75 plus shipping. Also JRC ST-3
headphones--will sell with radio for $50US plus shipping.

If you buy the entire setup the price is $800US plus shipping. ($25
discount).

Please respond to wampus@nc.rr.com.

Chuck Yarbrough
Durham, NC

2044. test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 06:49:01 UTC
From: gw3tmh@gb7abc.freeserve.co.uk
Message-ID: <000327gw3tmh@gb7abc.freeserve.co.uk>
Source record: 7682

```
testing
12345

gw3tmh@gb7abc.freeserve.co.uk
Sent 06:49 on Wed 17 Oct 2001
(Using HamServ 0.894)
```

2045. Re: test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 08:07:28 UTC
From: Michael McGinley <mmcginley@kscable.com>
Message-ID: <171020010307225430%mmcginley@kscable.com>
Source record: 7683

GW3TMH DE N0JVT ur 599 QSL ?

In article <000327gw3tmh@gb7abc.freeserve.co.uk>,
<gw3tmh@gb7abc.freeserve.co.uk> wrote:

> testing
> 12345
>
>
> gw3tmh@gb7abc.freeserve.co.uk
> Sent 06:49 on Wed 17 Oct 2001
> (Using HamServ 0.894)

2046. Re: test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 10:35:31 UTC
From: Jim Hale <jhale33@home.com>
Message-ID: <T9dz7.65624$w62.39954058@news1.denver1.co.home.com>
Source record: 7684

Hey! This is an AM and CW frequency!...

"Michael McGinley" <mmcginley@kscable.com> wrote
>
> GW3TMH DE N0JVT ur 599 QSL ?
>
> <gw3tmh@gb7abc.freeserve.co.uk> wrote:
>
> > testing
> > 12345

2047. Naughty ZoneAlarm

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: gm3hbt@gb7san.#78.gbr.eu
Message-ID: <1c0047gm3hbt@hamradio>
Source record: 7551
Cross-posted to: ampr.misc,rec.radio.amateur.digital.misc

From: GM3HBT@GB7SAN.#78.GBR.EU
To : INET@GBR

Hello all.

For some inexplicable reason, ZoneAlarm has suddenly begun to block data from my e-mail server address every time I try to connect to it, which obviously makes it unusable. There doesn't appear to be any facility in the program to reverse such settings. I have even uninstalled it and replaced it with the latest update (2.6.357), but the problem persists.

I wonder if there is anyone out there expert in such programs who might suggest a way round the problem? Obviously something is being stored in my system which maintains the corrupted setting.

A brighter note is that I have discovered another free download firewall program, 'Tiny Personal Firewall', which appears equally effective to ZoneAlarm, with the bonus that it offers the facility to adjust/modify its parameters, and so far is working very effectively.
But I would like to know if my ZoneAlarm is salvageable.

73 - Tom, GM3HBT @ GB7SAN
E-mail: 3hbt@lineone.net

08:34:07 BST - Saturday 13 Oct 2001
WinPack V6.70

2048. Re: Winpack 'QUOTE' facility???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g7raz@gb7san.#78.gbr.eu
Message-ID: <b40363g7raz@hamradio>
Source record: 7552
Cross-posted to: ampr.misc,rec.radio.amateur.digital.misc

G0TCM wrote:-
> Can someone out there please oblige and run me through the 'QUOTE'
> procedure...cannot even get the 'HELP'facility to work for me.

Hello Fred

The key to the operation is the right hand mouse button... To get your
words quoted as I have above, I did the following:

1. Highlighted them.
2. Clicked on the Reply to Topic with the RIGHT hand mouse button.
3. Clicked "yes" when challenged about sending a bulletin.

It would have worked similarly had I clicked (right) on Reply to sender.

If you look at the Edit sub-menu, you'll also see an option to "Paste and
Quote". This is for when you highlight then cut/copy text out of a
context other than a bulletin or personal mail. You then can go to
WinPack's edit window and Edit>Paste&Quote, which will insert your
cut/copied text into the window, but with the quotation marks down the
left hand side.

Hope that helps.

73, Mike G7RAZ (Sysop, GB7WIS.#22.GBR.EU)
Supporting British software; using Winpack
(pms), XROUTER (node) and PZTBBS (mailbox)
QTH: Wisbech, North Cambs Msg timed 09:08
E-mail: MikeWager@aol.com on 07-Oct-2001

2049. Graphics Packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g3xse@gb7daa.#33.gbr.eu
Message-ID: <40628_gb7daa@hamradio>
Source record: 7553
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: G3XSE@GB7DAA.#33.GBR.EU
To : HELP@GBR

Hi, two questions on Graphics Packet if I may (v1.52).

1) Is it possible to print out just the text? I can at the moment only print out using the "Print Screen" button on the keyboard, and get an awful lot of unwanted garbage from the computor trying to draw out the clock etc.

2) Can I increase the length of stored pages ? Sometimes, on a particularly interesting packet day say, I command list last 30 from the bbs. After receiving the list, if I read, say, 5 messages, I cannot scroll back to the list of messages on "page up" on the keyboard 'cos the screen memory is now full and the programme will not let me go back that far.
Thanks for any response, 73's de Hugh

2050. Pageup ok, but Print?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g3xse@gb7daa.#33.gbr.eu
Message-ID: <40718_gb7daa@hamradio>
Source record: 7554
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: G3XSE@GB7DAA.#33.GBR.EU
To : HELP@GBR

Hi. Thanks to the genius that is g7sri, I can now page up as far as any person could reasonably want to on Graphics Packet. However, printing without printing the clock and other unwanted junk is still a problem. Any more geniuses out there please ? Thanks in advance, 73's de Hugh

2051. Mischievous Floppy Drv G8PZT

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g4zly@gb7zzz.#38.gbr.eu
Message-ID: <aa0113g4zly@hamradio>
Source record: 7555
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: G4ZLY@GB7ZZZ.#38.GBR.EU
To : HELP@GBR

Hi Paula ... I'd have said the interrupts on your computer are all "up the pole" - and interrupting each other. They need resetting.

73 - Doug, G4ZLY @ GB7ZZZ.#38.GBR.EU

Message timed: 23:08 on 09-Oct-2001

Member: RSGB, RSARS
e-mail: zulyank@operamail.com

2052. Re: CP SYSOP: Re: futher eto banninng non-englis

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: vk6be@vk6jy.#aly.#wa.aus.oc
Message-ID: <5f0578vk6be@hamradio>
Source record: 7556
Cross-posted to: ampr.mailbox.syswww,rec.radio.amateur.digital.misc

Subject : Re: CP SYSOP: Re: futher eto banninng non-englis

From: VK6BE@VK6JY.#ALY.#WA.AUS.OC
To : SYSOP@WW

Can this be really true? It certainly is not true of VK as far as I am aware. If this is carried out world wide noone could post mail in English to a foreign BBS and communication between England and non English speaking countries would cease. Do you want that Trev.? If English law forbids the use of a foreign language on packet networks surely it must be the only country that does this.

>
> Simple rules / regs for using gb7fcr..
> All messages must be in English.

Tout en Anglais? Ma foi!! Did I just break the laws of the UK?
Bob VK6BE.

2053. ANYONE NOT OWN A T.V.,????.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g7dlp@gb7dby.#23.gbr.eu
Message-ID: <9812-gb7dby@hamradio>
Source record: 7557
Cross-posted to: ampr.all,rec.radio.amateur.digital.misc

From: G7DLP@GB7DBY.#23.GBR.EU
To : ALL@GBR

We are thinking of slinging the TV set...Its full of bad news,,,violence,,,
unlicenced sex,,,cloying soaps (ESP'CORO'ST.)...repeats,,,wild screaming
audiances...swishing cameras...pop-groups...adverts EVERY FEW MIN'S...
and those ABOMINABLE AGONY CHAT-SHOWS......Before U reach for UR keyboard,
YES,I know we dont HAVE to watch them,BUT WHAT AM I PAYING LIC' FOR,????.
Incidently,people who watch the flaming TV 6AM TO midnight plus,need a
B-R-A-I-N T-R-A-N-S-P-L-A-N-T. CHEERS,,EDDIE G7DLP via GB7DBY.

2054. HELP WINFBB32+AGW=BPORTS ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: ce3soc@ce3pgm.san.chl.sa
Message-ID: <8065_ce3pgm@hamradio>
Source record: 7558
Cross-posted to: ampr.all,rec.radio.amateur.digital.misc

From: CE3SOC@CE3PGM.SAN.CHL.SA
To : ALL@WW

I HAVE THE WINFBB 32 WORKING WITH A PORT THAT is THE CARD OF SOUND
When ADDING A TNC TO THE AGWPE THIS it RECOGNIZES IT BUT NOT THE WINFBB 32
BUT IF AGW + WINPACK??? IT WILL BE THAT SOME SETEO MISSES WINFBB
THANK YOU
73
RA&#65533;L

CE3SOC

CE3SOC@ENTELCHILE.NET

73 - Joe, CE3SOC @

Message timed: 18:36 on 2001-Oct-08

2055. TNOS/JNOS APRS (inf) .html P02/P02

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: on4hu@on4hu.mou.ht.bel.eu
Message-ID: <63165_on4hu@hamradio>
Source record: 7685
Cross-posted to: ampr.coms.aprs,rec.radio.amateur.digital.misc
Body handling: HTML body converted to readable text

Subject : TNOS/JNOS APRS (inf) .html P02/P02

From: ON4HU@ON4HU.MOU.HT.BEL.EU
To : APRS@EU

go_7+. 002 of 002 TNOSPO_1.GIF 0014969 1A00 08A (7PLUS v2.1) ���ڲ�-

```
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```

2056. Re: WINPACK+AGWPE+BAYCOM+WIN95

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: oz1dwf@oz2boo.frh.jyn.dnk.eu
Message-ID: <2848_oz1dwf@hamradio>
Source record: 7686
Cross-posted to: ampr.packet.agwpe,rec.radio.amateur.digital.misc

From: OZ1DWF@OZ2BOO.FRH.JYN.DNK.EU
To : AGW@WW

System : Amateur Radio Packet
Sub system : TCP/IP personal e-mail <=> packet.
Sysop : OZ1DWF Leif Aaen
Packet mail : OZ1DWF@OZ2BOO.FRH.JYN.DNK.EU
E-mail : oz1dwf@qsl.net
Homepage1 : http://www.qsl.net/oz1dwf/
Homepage2 : http://www.Geocities.com/oz1dwf/
HAM IP : 44.145.0.41
LAN computer: 192.168.0.1

Greatings dear Sir's.

I see something in the question asked by VK4OC, as a problem, and perhaps misguided by the answar of VK5KRJ.

After introduction of the 2000-xx and 2001-xx versions of AGW-PE, Win95 is not longer supported. Lowest OS supported is Win98/Win98SE. Special drivers needed for Win2000. Not tested by me yet on Win/ME, but should not give any problems.

Allways try out SV2AGW's homepage for latest versions, and lot of tips and FAQ's on the AGW-newsgroup.

Recommanded is also the brilliant DIGIPLEX, made by LU7DID. Still under development, but allready now (before ver. 1) show it's strength into the world of 32-bit envioment.

If you're lucky to have an second Pc running in your LAN, TF2AGW support LAN-operated packet, so you may use any Pc in LAN, even if no modem connected to the specific Pc. This gives a great flexability. When comming that far, use the simple soundcard-connection, and run two ports, from 300 bd to 9k6 bd in independent speed. Add to this two standard TNC's, to your COM-ports, and you're on the air, with four ports ! The problem in this, is getting all the radios, and not connection of the modems, hi. AGW-PE is an exelent choice, and I hope more programmers may direct their eyes in range of the AGW.

Evne now, the AGW-PE may be used with sevel programes, like FBB, TstHWin and Winpack. I have seen other terminal programs too, but theese is tested, and found running very well here at my QTH. I know, other programs is availabe, but I can't recommand them, because I not yet have tested them. But that should not keep you from do some test yourself.

-By the way, Dennis (VK4OC): Batchfiles _is_ history. In Win/ME common DOS-applications wont run, if keystrokes is needed, and Microsoft did say for a few years ago "We no longer support MS-DOS or Windows 3.xx". Personaly I belive, MS-DOS and 16-bit went same way as the 80486 series of computers; Dead. But I still use MS-DOS and Windows 3.11 on my old /P, so it's not the same as judge it as "useless". Just don't expect official support availabe for thoose "good old" systems.

Vy 73 de OZ1DWF, Leif

Abusus non tollit usum


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2057. 7+ TD100801.ZIP 1/2

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: n2fnh@n4gaa.ct.usa.na
Message-ID: <990095n2fnh@hamradio>
Source record: 7687
Cross-posted to: ampr.ip.general,rec.radio.amateur.digital.misc
Body handling: HTML body converted to readable text

From: N2FNH@N4GAA.CT.USA.NA
To : TELNET@WW

TD100801.ZIP 1 of 2

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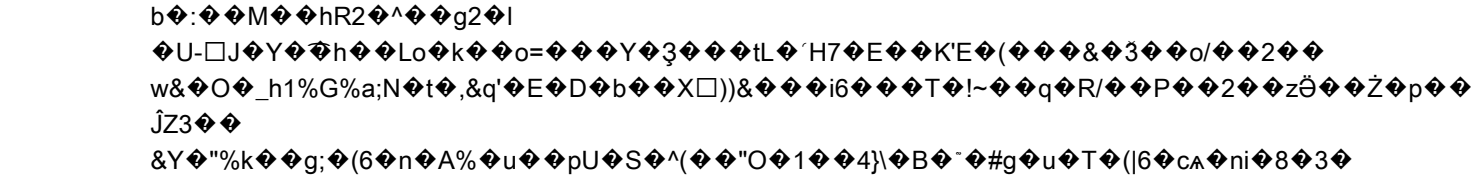
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2058. trio 3200 help please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g4gsb@gb7max.#28.gbr.eu
Message-ID: <c00004g4gsb@hamradio>
Source record: 7688
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: G4GSB@GB7MAX.#28.GBR.EU
To : HELP@GBR

Hi All.
Does anyone out their have a circuit of a trio 3200 70 cm tranceiver that
I could photo copy please?
All costs re-imbursed.

73 - Miles, G4GSB @ GB7MAX
E-Mail milesclifford@aol.com

Message timed: 12:18 on 08 Oct 01
Message sent using WinPack V6.30

2059. Re: Mischievous Floppy Drv

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8pzt@gb7pzt.#24.gbr.eu
Message-ID: <000757281pzt@hamradio>
Source record: 7689
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

Date: Tue, 09 Oct 2001 19:56:39 GMT
From: g8pzt@gb7pzt.#24.gbr.eu (Paula)
To: help@gbr
Subject: Re: Mischievous Floppy Drv

Hello all,

I'm just wondering if G4NHC's problem could be due to an old BIOS?

My computer (1994 AMIBIOS) was doing fine until the afternoon of 1/1/00,
when it suddenly crashed on me while running a "Y2k fix" program. All
subsequent attempts to boot that motherboard failed, so the only fix was
a replacement motherboard of the same type.

Now, every time I boot this one it reports something strange. Sometimes it
will say there is "FDC failure", or it will move the COM1, COM2 and LPT1
addresses around. Sometimes it pretends to be a machine with no com ports
at all. I just ahve to keep rebooting it until the config comes right.
(and no, there's not a problem with the battery).

Once I'd got it booted, it would usually work OK. However, this year the
floopy drives have been playing up.... The 1.2 and 1.44 Mb drives work
OK in DOS, except that the 1.44 will no longer read/write 720k floppies. But
in Windows95 neither drive will work at all. This is not intermittent, it's
permanent.

I'm wondering if the BIOS can't properly deal with dates after 1999 ???
Someone suggested that the "century bit" overflows into some other field,
but I don't know how true this is. The PC is just a tool and I can't
waste time or risk my work fiddling with it.

Perhaps G4NHC could boot the PC into proper dos isntead of windoze,and see
if there is any difference in the behaviour of the floppie?

73, Paula

Packet: G8PZT @ GB7PZT.#24.GBR.EU (44.131.91.2) [Kidderminster]
Email: g8pzt@cableinet.co.uk (g8pzt@qsl.net) _/_
GB7PZT: 01562-745527 24h 300-33,600 8,n,1 (��)
Software: PZT ax/ip BBS, Xrouter, PEARL off-line-reader. />
Web Site: www.g8pzt.pwp.blueyonder.co.uk (www.qsl.net/g8pzt) ���>���>>\����

2060. Re: Mischievous Floppy Drv

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: m1byt@gb7fcr.#16.gbr.eu
Message-ID: <dc9464m1byt@hamradio>
Source record: 7690
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: M1BYT@GB7FCR.#16.GBR.EU
To : HELP@GBR

G8PZT Opined with considerable skill:-
> My computer (1994 AMIBIOS) was doing fine until the afternoon of
> 1/1/00, when it suddenly crashed on me while running a "Y2k fix"
> program. All subsequent attempts to boot that motherboard failed, so
> the only fix was a replacement motherboard of the same type.
>
> Now, every time I boot this one it reports something strange.
> Sometimes it will say there is "FDC failure", or it will move the
> COM1, COM2 and LPT1 addresses around. Sometimes it pretends to be a
> machine with no com ports at all. I just ahve to keep rebooting it
> until the config comes right. (and no, there's not a problem with the
> battery).

Hi Paula,

One way to prove/disprove it is a Y2K problem overflow problem, would be
to set the date up in the BIOS, to sometime before 2000.

□
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Sent using WinPack-Telnet V6.70
(My only reliable access to the network)DESK

2061. Confusion

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g0fum@gb7ipw.#38.gbr.eu
Message-ID: <0a7315g0fum@hamradio>
Source record: 7691
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

From: G0FUM@GB7IPW.#38.GBR.EU
To : HELP@GBR

Hi Everyone,
I like many I am sure am confused by many terms used in
computing.

Can anyone explain the following in simple terms please.

1/ What are RESOURCES and how do they affect the computer running ?
2/ What is PAGE FILE and what is it used for ?
3/ What is VIRTUAL MEMORY and what is it used for ?
4/ What and where is SWAP FILE and what does it do and used for ?
5/ What is S.M.A.R.T. as found in the Bios setup ?

Thanks in advance I am sure many people would be interested in the replies
so please as a BULL

Cheers

73 - Alan, G0FUM @ GB7IPW
Worthing West Sussex

Message timed: 08-53 BST on 11-Oct-01
Message sent using :-

WinPack-AGW V6.63 (FREEWARE)(R)

Also running:-UI-VIEW 32-V1.59

(Packet made Easy)
EMAIL= G0FUM@alanh.worldonline.co.uk
>/EX

2062. Help generator

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: f5bqp@f6ptt.frpa.fra.eu
Message-ID: <51686_f6ptt@hamradio>
Source record: 7692
Cross-posted to: ampr.all,rec.radio.amateur.digital.misc

From: F5BQP@F6PTT.FRPA.FRA.EU
To : ALL@WW

I'm trying to repair my 20Mhz Multifunction Waveform Synthesizer
from a company named ANALOGIC model 2030A .

I don't have a service/technical manual of it and
the analog card has a failure; also I suspect one of the
two switching power supply .
Who can help me in providing me a copy of the drawing of this
part ?

Many thanks for your help

Best regards .

Pierre-Francois
f5bqp
email : pf@ccur.com

2063. HTML.EXE [Info File] <+7senD

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: i3sbb@i3kuh.iven.ita.eu
Message-ID: <22-i3sbb@hamradio>
Source record: 7693
Cross-posted to: ampr.files.7plus,rec.radio.amateur.digital.misc
Body handling: HTML body converted to readable text

From: I3SBB@I3KUH.IVEN.ITA.EU
To : 7_UTIL@WW

�Go_Info�
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� File => HTML.EXE � Sender => I3SBB � Byte => 8366 �
��
������J
� Category => UTILITY � Computer => 386DX40 �
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� Description => Utility by I3SBB �
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�End_Info�

�� 7senD v5.2 by ik1msl � AUTO7P compatible and auto labeling ������
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��N^k�Y5�D�YQq���@�]��f�

2064. Re: futher

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: vk6be@vk6jy.#aly.#wa.aus.oc
Message-ID: <052332m1cuk@hamradio>
Source record: 7694
Cross-posted to: ampr.mailbox.syswww,rec.radio.amateur.digital.misc

Subject : Re: futher

From: M1CUK@GB7FCR.#16.GBR.EU
To : SYSOP@WWW

G6HJP wrote:-
> Well FCR missed this message!!! It was not killed and went via him as
> well!!

Well it just goes to show that YOU didn't read the message I sent out did
you!!

Read it again!!

I stated that....

ALL MESSAGES ENTERED DIRECTLY ON TO GB7FCR MUST BE IN ENGLISH!

As you can see from the R:Lines that you actually quoted the message was
NOT entered directly on to gb7fcr but came in via several other systems.

ALL I am bothered about is mail entered directly on to my system by users
of my system from outside of the UK via TELNET Links to my system.

As MY system would be the one that took the blame if anything unsavoury
was to be released on to the network. to prevent that from happening is
quite
simple post in English or don't post on my system at all..

as I am not willing to risk MY nov by releasing material I can not read,
If the users of my system from outside the UK don't like the rules they
have the freedom of choice to go to other systems, BUT it seems they are
all quite happy with the way I choose to run MY system via the Internet
links I provide for them..

Unlike a minority of people in the UK these users from outside the UK
APPRECIATE the service that has been provided for them and I don't see
them complaining about the simple rules I set out at the start...

> Just goes to show how silly people can get when given a few simple
> rules!!

No it just goes to show that YOU don't read / UNDERSTAND the messages that

were sent out.. READ IT AGAIN it very clearly states what I have just said
again!! Then perhaps it may sink in with you...

(but I have my doubts on that one)

As I said NOT entered directly in to gb7fcr..

> Original to SYSOP@WW
> Path: !GB7SUN!GB7IPW!GB7FCR!ZL2BAU!K0NST!ON0BEL!7M3TJZ!HA3PG!DB0WUE!DB0M
> RW! !DB0PV!DB0WGS!OE6XHG!OE6XPE!9A0BBS!9A0YRB!VK6BBS!VK6BBR!VK6RAW!VK6P
> BV! !VK6JY!
> From: VK6BE@VK6JY.#ALY.#WA.AUS.OC
> To : SYSOP@WW
>
> Can this be really true? It certainly is not true of VK as far as I am
> aware. If this is carried out world wide noone could post mail in
> English to a foreign BBS and communication between England and non
> English speaking countries would cease. Do you want that Trev.? If
> English law forbids the use of a foreign language on packet networks
> surely it must be the only country that does this.
>

AHH I se selective Quoting again...

> > Simple rules / regs for using gb7fcr..
> > All messages must be in English.
>
> Tout en Anglais? Ma foi!! Did I just break the laws of the UK?
> Bob VK6BE.

Nope because I could understand what you said and also this message didn't come directly from your system in to mine...

OK it was imported in to the UK by my system BUT it was held for review I read it and released it simple as that, if the message had contained a message in a language I couldn't have read then YES it would have been deleted here simple as that!

I am not prepared to risk loosing the NOV to run this bbs end of story..

73 - Trev.., M1CUK @ GB7FCR

Message timed: 08:48 on 10 Oct 08
Message sent using WinPack-Telnet V6.70 Registerd..
Running on a Linux SuSE 7.0 Pro System Using Vmware
as a virtual computer to run Win98 & Winpack!

Web Site http://gb7fcr.co.uk
Blackpools ax25 - tcp/ip - Telnet bbs - InterNet Gateway
FBB Telnet port 158.152.237.250:6300 Password required!!
NODES Telnet Port 158.152.237.250:23 Password required!!

To obtain a password Send an E-mail to tjbates475@hotmail.com

2065. Loss of Int/Expl'r Icon.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g0tcm@gb7bed.#21.gbr.eu
Message-ID: <e72268g0tcm@hamradio>
Source record: 7695
Cross-posted to: ampr.help,rec.radio.amateur.digital.misc

Subject : Loss of Int/Expl'r Icon.

From: G0TCM@GB7BED.#21.GBR.EU
To : HELP@GBR

Hello packeteers, again,
Have just noticed that I have lost the Internet Explorer Icon from the
Task Bar, next to the 'START' button.....how do I get it back?.

Am using Win98.

Regards.

73 - FRED - G0TCM @ GB7BED.#21.GBR.EU

Message timed: 22:04 on 12 Oct 01
Message sent using WinPack V6.51 (R)

E-mail address:- f.poulter@ntlworld.com (no spaces)

Member of:- RSGB * UKRS * FISTS * RAFARS * G-QRP

HTML and 7+ Not accepted....sorry!.

LOC: io92sd * WAB: TL05

2066. 70cms 22el Yagi

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8mny@gb7cip.#32.gbr.eu
Message-ID: <12490_gb7cip@hamradio>
Source record: 7696
Cross-posted to: ampr.rec.tech,rec.radio.amateur.digital.misc

From: G8MNY@GB7CIP.#32.GBR.EU
To : TECH@WW

Distance Length
Ref. 30 346 Boom lengths: Front boom 7/8" OD x 0.049" wall
DE 134 340 6061-T6 tubing 1530 mm (60 1/4")
D-1 176 321 long.
D-2 254 311
D-3 362 305 Center boom 1" OD x 0.058" wall
D-4 496 301 6061-T6 tubing
D-5 652 297
D-6 828 295 Rear boom 7/8" OD x 0.049" wall
D-7 1020 293 6061-T6 tubing 1580 mm (62 5/16")
D-8 1226 291
D-9 1444 289
D-10 1672 288
D-11 1909 286
D-12 2152 285
D-13 2403 284
D-14 2659 283
D-15 2920 281
D-16 3184 280
D-17 3452 279
D-18 3723 278
D-19 3997 277
D-20 4272 276

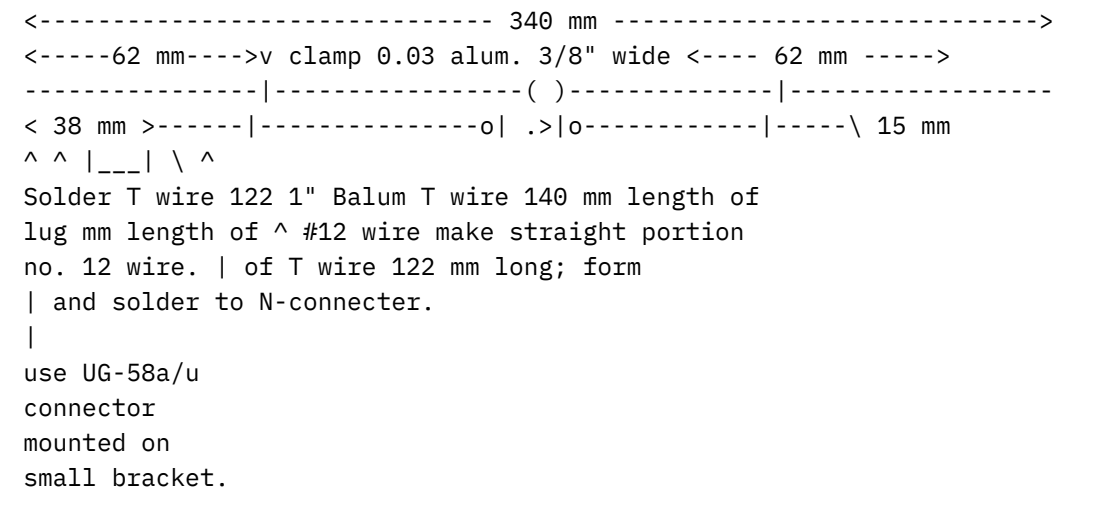
---
22 el. Boom Contstruction lengths.

Double up boom where mast clamp
mounts. use 12" of 7/8" OD x 0.049 wall - 6061
|
No. 8-32 screw | Slot and use
(2 places) | clamp (2 places)
v (v) v
--------------------=#==+==========|=|=====+==#=-----------------------
^ ^ ^ ^
|----- 1412 mm -----|---------- 1415 mm --------|------- 1475 mm -------|
(55 9/16") (55 11/16") (58 1/16")

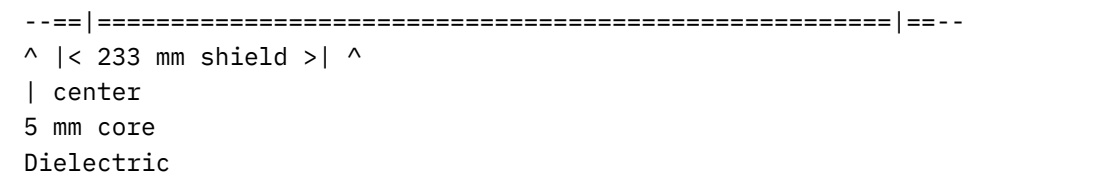
|------------------------------4302 mm -------------------------------|
(169 - 5/16")

Element mounting.
The elements are installed through the boom useing plastic insulators
between the el. and boom. Stainless steel push-nut retaining rings
hold the el. in place.

Details for the driven element.

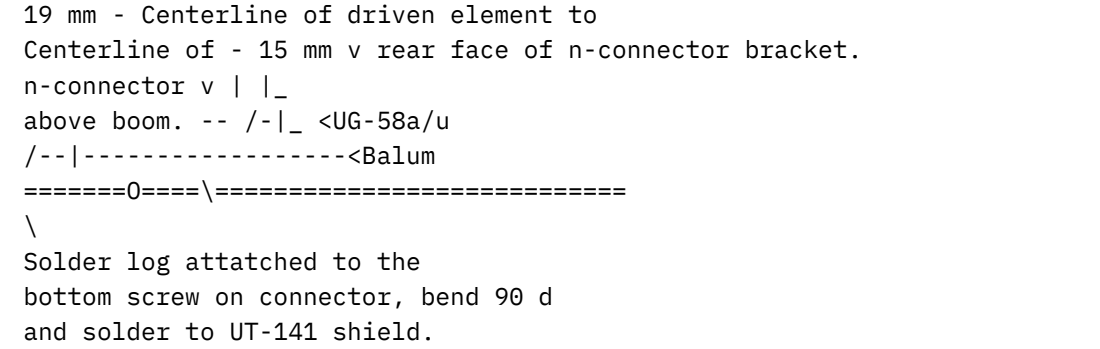

<------------------------------ 340 mm ----------------------------->
<-----62 mm---->v clamp 0.03 alum. 3/8" wide <---- 62 mm ----->
----------------|-----------------( )--------------|------------------
< 38 mm >------|---------------o| .>|o------------|-----\ 15 mm
^ ^ |___| \ ^
Solder T wire 122 1" Balum T wire 140 mm length of
lug mm length of ^ #12 wire make straight portion
no. 12 wire. | of T wire 122 mm long; form
| and solder to N-connecter.
|
use UG-58a/u
connector
mounted on
small bracket.

Blum made from UT-141 copper-shielded coax, RG-303 or RG-142/u taflon-
insulated cable could be used.



Driven element side

looking >
solder center of the UG-58a/u and
right side if the Balum then to
right driven element. left side of
the Balum solder to left driven
element.


19 mm - Centerline of driven element to
Centerline of - 15 mm v rear face of n-connector bracket.
n-connector v | |_
above boom. -- /-|_ <UG-58a/u
/--|------------------<Balum
=======O====\============================
\
Solder log attatched to the
bottom screw on connector, bend 90 d
and solder to UT-141 shield.

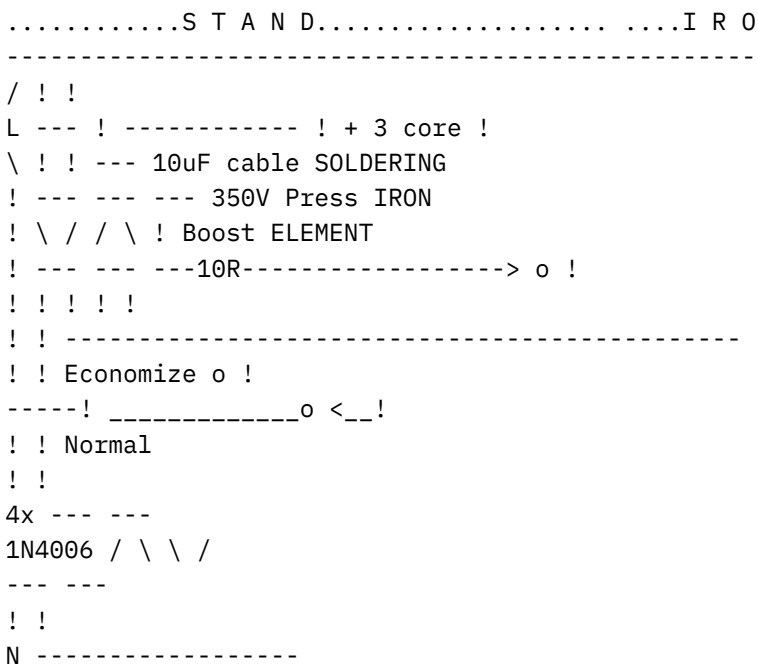
```
Thanks to the ARRL Antenna book.
Offared by Jack - KE4IQQ - AAAC #1
Address: KE4IQQ @ KF4BPX.#OKE.FL.USA.NOAM
<UG-58a/u
/--|------------------<Balum
=======O====\============================
\
Solder log attatched to the
bottom screw on connector, bend 90 d
and solder to UT-141 shield.
Thanks to the ARRL Antenna book.
73 De John, G8MNY @ GB7CIP
```

2067. SOLDERING IRON ECONOMIZER/BOOST

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8mny@gb7cip.#32.gbr.eu
Message-ID: <12537_gb7cip@hamradio>
Source record: 7697
Cross-posted to: ampr.rec.tech,rec.radio.amateur.digital.misc

From: G8MNY@GB7CIP.#32.GBR.EU
To : TECH@WW

By G8MNY
Suitable for 15-60W mains irons only!



When on the stand the mains is fed to the iron is halfwave only for economizer, (1/2 power), the iron rest on a suitably mounted stand micro switch that disconnects one of the bridge diodes. When the iron is picked up, full wave is restored for (normal power).

An added non locking press button switch on the iron, this boosts the power by connecting a 10uF with a 22R in series (47uF/10R for 60W) housed in the stand (iron not earthed 3 core cable!), resulting in approx 300V peak DC from the mains being used for high power. This is approx 2x the normal power, hence the non locking press switch!

A neon (with series 220K) across iron can be used to indicate the power status.

73 De John, G8MNY @ GB7CIP

2068. LIGHT LEVELS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8mny@gb7cip.#32.gbr.eu
Message-ID: <12548_gb7cip@hamradio>
Source record: 7698
Cross-posted to: ampr.rec.tech,rec.radio.amateur.digital.misc

From: G8MNY@GB7CIP.#32.GBR.EU
To : TECH@WW

This is old data but still usefull.

WHERE LUX
Clear Night Full Moon 0.3
Candle @ 1M 1
Side Roads 4
Main Roads 16
Staircases, Railway Platforms. 30-60
Secondary Rooms, Basements, Halls. 120
Living Rooms & Offices. 250
Classrooms, Shops & Workshops. 500
Drawing Office, Precision Workshops. 1000
Winters Day, Overcast Sky. 900-2000
Winters Day, Clear Sky. up to 9000
Summers Day in June, overcast sky. 4000-20,000
Summers Day in June, Sunshine. Approx 100,000

73 De John, G8MNY @ GB7CIP

2069. Making a Phasing Harness.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8mny@gb7cip.#32.gbr.eu
Message-ID: <12520_gb7cip@hamradio>
Source record: 7699
Cross-posted to: ampr.rec.tech,rec.radio.amateur.digital.misc

From: G8MNY@GB7CIP.#32.GBR.EU
To : TECH@WW

By G8MNY

Calculate 1/4 wave lengths of 75Ω coax using the coax's velocity factor & the wave length for your frequency of interest. None of this is too critical unless above 1GHz, where cable Z change if you bend them & cutting to length is more of an art, so the use of a solid power slitter is more common.

Decide which harness design you want:-

Join Tee == to aerial tee ========#== to aerial
50Ω =======<<<<<<<<[2x 50Ω OR 50Ω =======[2x75Ω 2x 50Ω
37Ω == to aerial ========#== to aerial
(2x75Ω)

eg both matching lines in a single feed plug (or socket) & an aerial plug (or socket) with a aerial T connector. Or use the matching lines as the T with 3 plugs (or sockets). The latter is mechanically less strong, & waterproofing may be more difficult. Alternatively you could splice in the matching sections, but again waterproofing can be a problem.

Use good quality 75Ω cable with heavy braid. You should find that 2 coxes can be made to fit N connectors with some difficulty. Use silicon rubber or grease to seal/fill connectors once tested.

Testing can be done with a sensitive SWR meter a 1W rig & 2x small 47Ω resistors (with minium leads) mounted one the ends of the lines to simulate the 2 aerials. This should prove the cut lengths are OK before you terminate the aerial ends.

The Aerials must be identical types (no early/later multibeam type mix). And mounted so that the connections feed the same side of the driven aerial element to be in phase. If the aerials are mirror images (one upside down) and the element cannot be rotated, then add 1/2 wave length (x Velocity factor) to one of the 50Ω aerial feeders. The two aerial feed coaxes between the spliter & aerials must be identical lenths & type.

Aerial spacing, is variable, the manufacturers data may help, but a good guide is about half the boom length. This rule of thumb, makes sure the aerials capture areas do not overlap. Closer stacking/baying, gives variable results as all the aerial elements will couple, & this will result in a different polar diagram/gains than optimin. But closely mounted aerials with high gains are possable, if difficult to get the distance right!

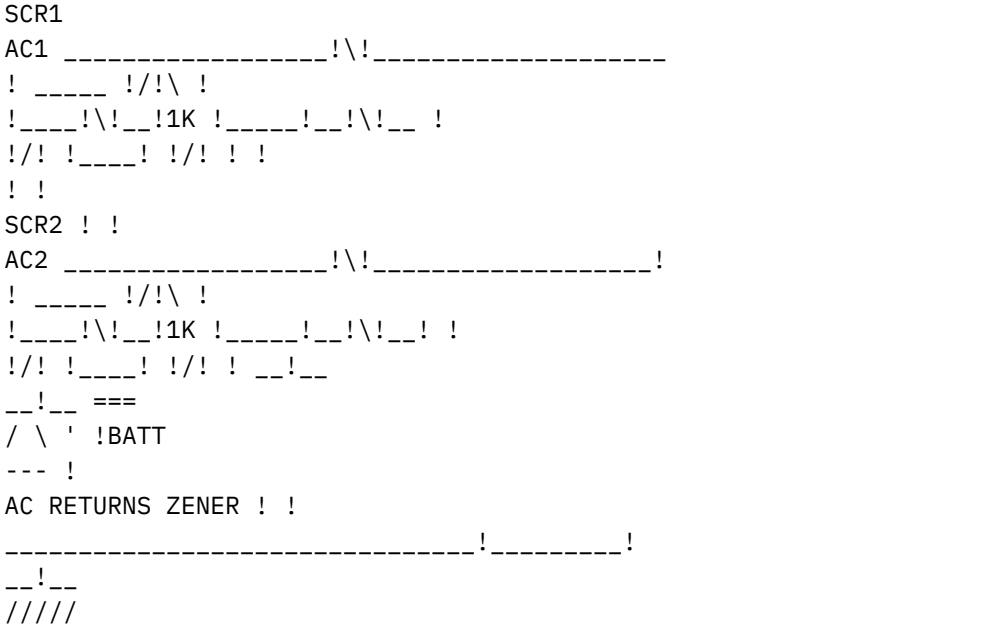
73 De John, G8MNY @ GB7CIP

2070. SIMPLE SCR REGULATED CHARGER

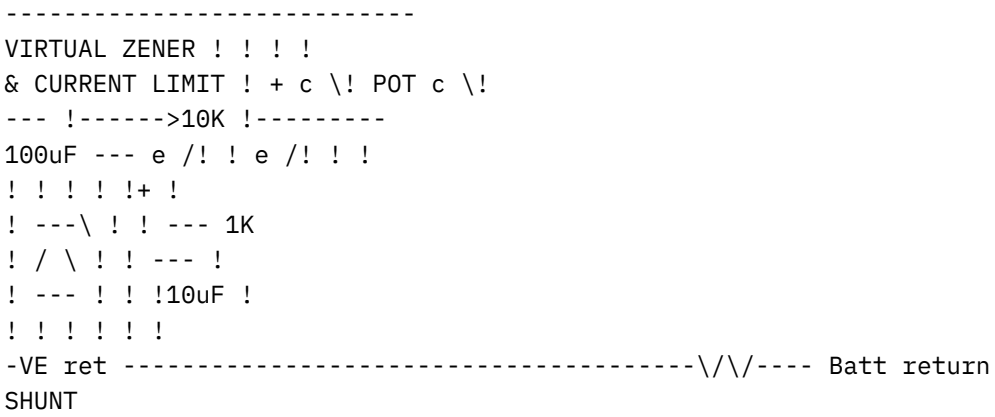
Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 14:05:00 UTC
From: g8mny@gb7cip.#32.gbr.eu
Message-ID: <12541_gb7cip@hamradio>
Source record: 7700
Cross-posted to: ampr.rec.tech,rec.radio.amateur.digital.misc

From: G8MNY@GB7CIP.#32.GBR.EU
To : TECH@WW

This is a simple SCR controlled charger. I made it to give 27.5V at 15A for charging a train carrage's 500 AH 24V battery system.
Using a dual winding transformer or a single one with 2 other diodes so the SCRs form part of a bridge... Or 1 SCR arm following a bridge rectifier.



The Zener can be a virtual one for voltage adjustment with current limiting changing the voltage as well.



The Zener can be 5-10V (12v system). Both transistors are NPN. Set the voltage pot so that the Zener action is 1V higher than the required Battery voltage. Make the shunt resistor (thick wire link eg a few inches of coat hanger) so at the maximum current the 2nd NPN conducts to limit the trigger voltage & hence the current. The transformer must deliver an RMS voltage slightly greater than the battery voltage. If too low Triggering can be difficult, but a 2nd 2v winding feeding the trigger circuit can keep the unit working well on low mains (train PSU's problem <200V AC at times).

This circuit is very efficient, only the transformer heats up with the high pulse current, & SCR losses, no half power lost in dropper regulator! So a thermal trip is recomened on the transformer.

For recharging 12V batterys use 14.5V, for float (infinate charge rate) use 13.8V, with sealed types use 13.5V.

73 De John, G8MNY @ GB7CIP

2071. Re: test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 17:03:45 UTC
From: Karl Beckman <Karl.Beckman@Motorola.com>
Message-ID: <9qkdli$hau11@nntp.cig.mot.com>
Source record: 7559

I got both sidebands just fine. Maybe your filters are set too tight or
slightly off channel?

--
Karl Beckman, PE
Amateur Radio since 1964 WA8NVW WA8NVW@ARRL.net
West Park Radiops Club W8VM SkyWARN NWS-Cle WX8CLE
NavyMARS NNN0VBH NNN0VBH@NavyMARS.org

"An eye for an eye soon makes the whole world blind."
-- Mahatma Gandhi

"Jim Hale" <jhale33@home.com> wrote in message
news:T9dz7.65624$w62.39954058@news1.denver1.co.home.com...
> Hey! This is an AM and CW frequency!...
>
> "Michael McGinley" <mmcginley@kscable.com> wrote
> >
> > GW3TMH DE N0JVT ur 599 QSL ?
> >
> > <gw3tmh@gb7abc.freeserve.co.uk> wrote:
> >
> > > testing
> > > 12345
>
>
>

2072. Posting packet messages to this newsgroup

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 18:08:05 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20011017.180805.34@lightfox.demon.co.uk>
Source record: 7560

Ken,

Is it really such a good idea to post packet messages to this
newsgroup ?

Many of them have content unrelated to the purpose of this
rec.radio.amateur.digital.misc, and I'm sure you will know
what the reaction will be when some of the original posters
find out what has happened to their messages ......

73, Gareth.

--
http://www.rat.org.uk/

2073. TONO 7000 - coder decoder - manual or litterature?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 19:33:10 UTC
From: Matthieu Brionne <matthieub@tareum.freeserve.co.uk>
Message-ID: <9qkme3$q2k$1@news8.svr.pol.co.uk>
Source record: 7561

Hi everyone,

I was wondering if someone knew where to find some info (manual, schematic comments) on a TONO 7000 ?

Thank you,

Matthieu - G/F1ILU

2074. Re: Packret

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-17 21:27:16 UTC
From: Harry Bloomfield <harry_m1byt@ntlworld.com>
Message-ID: <MPG.1638080b91279c7b989696@news.ntlworld.com>
Source record: 7562

In article <LoIx7.7491$Iw.2641677@typhoon.jacksonville.mediaone.net>,
lewis-jean@mediaone.net says...
|I am looking for a packret software that uses the sound card
|
|Lew
|N4HRA
|lew_jean@mindspring.com
|
|
|
|
AGW Packet Engine !
--
Regards,
Harry (M1BYT)

2075. Re: Posting packet messages to this newsgroup

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-18 03:20:16 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <QTrz7.73690$WW.3507560@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7563

"Gareth Rowlands" <gareth@lightfox.demon.co.uk> wrote in message
news:20011017.180805.34@lightfox.demon.co.uk...
> Ken,
>
> Is it really such a good idea to post packet messages to this
> newsgroup ?
>
> Many of them have content unrelated to the purpose of this
> rec.radio.amateur.digital.misc, and I'm sure you will know
> what the reaction will be when some of the original posters
> find out what has happened to their messages ......
>
> 73, Gareth.
>
> --
> http://www.rat.org.uk/

Certainly they are off topic for this group.

If you are going to do this Ken, how about dropping them
into appropriate newsgroups, and providing useful return
addresses in the posts.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2076. Need help building PSK31 interface for HTX-100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-18 03:34:57 UTC
From: Michael Brown <mbrown@qx.net>
Message-ID: <B5sz7.1007501$ai2.76414424@bin2.nnrp.aus1.giganews.com>
Source record: 7564

Hello, I have been interested in getting onto PSK31 for some time now. At the present the only rig I have is an HTX-100 10 Meter rig. My question is, does anyone have any ideas as to how I should go about building an interface to connect the radio to the computer? I know that there are basically four wires that connect the microphone into the 8-pin connector on the radio. Can someone tell me what I need to build the interface as far as parts goes, i.e. isolation transformers, etc? I also need help in terms of what wires I need to connect to what connectors, etc. I am not the best at reading schematics, so any simple explanations would be greatly appreciated. I am just looking for the simplest route possible as far as building the interface goes. I would even be willing to have someone call me collect if they could talk me through actually building the interface, etc. I do know that the HTX-100 is wired pretty much like the 8-pin Kenwood rigs, if this helps. My brother had a TS-50, and the microphone from his rig worked just fine on my HTX-100. Please e-mail me directly if anyone can assist me in a simple way to build a PSK 31 interface. Oh yeah, I have a Toshiba Satellite 110CS laptop computer with a PC card soundcard that plugs into the side of the computer. The soundcard has1/8 jack inputs for headphones and a microphone. Thanks for the help, and maybe I'll work you on PSK 31!

73,
Michael Brown KU4UV
Lexington, KY.

2077. Re: Need help building PSK31 interface for HTX-100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-18 13:17:05 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BCED651.79B8F9D8@dialpoint.net>
Source record: 7565

Look this web site over.

http://www.packetradio.com/psk31.htm

It should tell you all that you need to know.

Michael Brown wrote:
>
> Hello, I have been interested in getting onto PSK31 for some time now. At
> the present the only rig I have is an HTX-100 10 Meter rig. My question is,
> does anyone have any ideas as to how I should go about building an interface
> to connect the radio to the computer? I know that there are basically four
> wires that connect the microphone into the 8-pin connector on the radio.
> Can someone tell me what I need to build the interface as far as parts goes,

2078. Re: PK-232 PSK-31 Mod

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-18 16:52:56 UTC
From: KD5VU <kd5vu@qsl.net>
Message-ID: <kd5vu-3BE4D8.11525618102001@corp.supernews.com>
Source record: 7566

In article <9q5nll$v5u$1@hydra.bigsky.net>,
rgawtry@timewave.com (Randall R. Gawtry.) wrote:

> In article <9q4src$sso@r02n01.cac.psu.edu>, "John Passaneau" <jxp16@psu.edu>
> wrote:
> >Hi:
> >
> >As I understand it, all it does is let the same com port that keys the radio
> >for the modes supported by the TNC to key the radio when running any of the
> >normal PSK31 software. That is it doesn't decode/encode PSK31, it just gives
> >double duty for the com port and saves a cable.
> >
> >
> >
> John,
> T-R keying is one of the functions of the new PK-232 upgrade. Dual
> transformer
> isolation of sound card audio is another, as is software-controlled switching
> between the sound card modems (e.g., PSK-31) and the internal PK-232 modems
> (e.g., pactor). One cable assembly connects the sound card and the PK-232.
> Only one cable assembly is required to connect the PK-232 to the radio for
> both the sound card modems and the internal PK-232 modems. For more details,
> check our website at http://timewave.com/PK232PSKupg.html. In particular,
> take a look at the PK-232/PSK connection block diagram.
>
> Thank you,
> Randy Gawtry, K0CBH
> Timewave Technology Inc.

Randy,

Thank you for responding. I have made two direct inquiries to Timewave
from the email address listed on the web page and nobody ever responded.

I am still confused about the PK-232's value for sound card
applications. I played with one Macintosh sound card software
application that takes the audio direct from the rig and the software
does the decoding. It worked okay but not all that great and I was not
very impressed and went back to nomal RTTY using the PK-232 with the
MacRATT software.

With the new Timewave PK-232 mod will I still be able to use the PK-232
in the host modes with standare software....like the AEA MacRATT? I
currently use all ports on the rear. I use Radio 1 for VHF and Radio 2
for HF with a FSK connection to the middle port. Will I have to give up
the FSK to install the PSK31 mod? Please clarify the PK-232's role for

PSK31 operation.

From what I have read the new mod may let the PK-232 become better in line filter and something to control the AFSK keying of the transmitter. I was under the impression this was the role of the PSK31 software package.

Sorry if I sound confused.

73 de Dick, KD5VU

2079. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 00:23:17 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <hjsustokfi91kvge11jl30qmm1vt3u3qrf@4ax.com>
Source record: 7567
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

2080. Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 02:39:33 UTC
From: Jim - qrp/cw <kw3u@warwick.net>
Message-ID: <3BCF9265.4AAA0414@warwick.net>
Source record: 7568

Hi; new to this group; have a question.
Getting back on packet ... years ago built the digicom and
used c-64...now picked up a kpc-3 and hooked it to a 486dx100
and downloaded a package called buxterm(freeware). works but
as stuff comes in the top of the screen lines go to bit bucket...
so with no printer attached the stuff is history.
any programs that have maybe a scroll bar or something to look at a
couple screenfuls
of things i may have missed?.
Many tnx for any help, I see a lot of software on inet for packet,but no
descriptions
and really don't want to download and try one by one.
73Jim kw3u

2081. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 15:00:00 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3BD03FEF.1D06E71A@att.net>
Source record: 7569

Jim, when you used the C-64 on packet back in the 80's, did you run the
TNC64 packet terminal program?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Jim - qrp/cw wrote:
>
> Hi; new to this group; have a question.
> Getting back on packet ... years ago built the digicom and
> used c-64..

2082. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 16:44:48 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <ppcESLBAiF07Ewjr@btinternet.com>
Source record: 7574

In message <3BCF9265.4AAA0414@warwick.net>, Jim - qrp/cw
<kw3u@warwick.net> writes
>Hi; new to this group; have a question.
>Getting back on packet ... years ago built the digicom and
>used c-64...now picked up a kpc-3 and hooked it to a 486dx100
>and downloaded a package called buxterm(freeware). works but
>as stuff comes in the top of the screen lines go to bit bucket...
>so with no printer attached the stuff is history.
>any programs that have maybe a scroll bar or something to look at a
>couple screenfuls
>of things i may have missed?.
>Many tnx for any help, I see a lot of software on inet for packet,but no
>descriptions
>and really don't want to download and try one by one.
> 73Jim kw3u
>
>
Hi Jim,

Take a look around for Paket 6.1, it's an old but good DOS program
that'll work fine with the 486. It has scroll-back too. If you can't
find it drop me a line direct.

73,

--
Roger Basford
(G3VKM)

2083. ICOM IC-DV-21

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 18:50:08 UTC
From: fred-palmer <fred-palmer@email.msn.com>
Message-ID: <ONub$6MWBHA.1644@cpimsnntpa03>
Source record: 7570
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.boatanchors,rec.radio.swap

I know, they are a POS made in the mid 70's for the IC-21A but I would like to find one that can be modded for the lower 2 megs (144 to 146) for a project. Let me know what you have hiding the closets!
Even non working ones which is their usual mode anyhow!! I'm located In Denton Tx just north of Dallas. fred-palmer@msn.com

2084. Re: test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 21:25:56 UTC
From: "Volker Tonn [odo]" <screwdriver@mailberlin.net>
Message-ID: <3BD09A64.171F1426@mailberlin.net>
Source record: 7571

gw3tmh@gb7abc.freeserve.co.uk wrote:

> testing
> 12345

narrow down your bandwidth to a alt.test.* group please.
Making QRN only is nothing we need here. ;-)

SCNR
73,
odo

2085. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-19 22:33:56 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <JO1A7.7692$Z2.1014790@e420r-atl2.usenetserver.com>
Source record: 7572

Jim,

If you have Windows 95 on your 486DX/100, then you can download the Pacterm 98 demo and use it for packet. It supports ultiple windows, one for each packet screen, and a 'bottomless' receive buffer.

http://www.cssincorp.com/pacterm

Rick - W4PC

"Jim - qrp/cw" <kw3u@warwick.net> wrote in message news:3BCF9265.4AAA0414@warwick.net...
> Hi; new to this group; have a question.
> Getting back on packet ... years ago built the digicom and
> used c-64...now picked up a kpc-3 and hooked it to a 486dx100
> and downloaded a package called buxterm(freeware). works but
> as stuff comes in the top of the screen lines go to bit bucket...
> so with no printer attached the stuff is history.
> any programs that have maybe a scroll bar or something to look at a
> couple screenfuls
> of things i may have missed?.
> Many tnx for any help, I see a lot of software on inet for packet,but no
> descriptions
> and really don't want to download and try one by one.
> 73Jim kw3u
>
>

2086. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-20 09:42:33 UTC
From: Simone Iwsedi <iw5edi@qsl.net>
Message-ID: <9c13869c8c4e39a7a404786fb5663d89.32676@mygate.mailgate.org>
Source record: 7573

Try this

http://www.dxzone.com/catalog/Software/

73
de
IW5EDI
Simone

"Jim - qrp/cw" <kw3u@warwick.net> wrote in message
news:3BCF9265.4AAA0414@warwick.net...

> Hi; new to this group; have a question.
> Getting back on packet ... years ago built the digicom and
> used c-64...now picked up a kpc-3 and hooked it to a 486dx100
> and downloaded a package called buxterm(freeware). works but
> as stuff comes in the top of the screen lines go to bit bucket...
> so with no printer attached the stuff is history.
> any programs that have maybe a scroll bar or something to look at a
> couple screenfuls
> of things i may have missed?.
> Many tnx for any help, I see a lot of software on inet for packet,but no
> descriptions
> and really don't want to download and try one by one.
> 73Jim kw3u

--
Posted from [62.98.128.15]
via Mailgate.ORG Server - http://www.Mailgate.ORG

2087. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-20 22:33:14 UTC
From: jfenn@lava.net
Message-ID: <9qsu3akdv1@mochi.lava.net>
Source record: 7575

I refused to do the transgression to PC's. Still using
Digicom128 V5 with my C128. In fact use the old C128 for
all internet stuff too! Total freedom from VIRUS'
activity and constant upgradeing virus software.
Digicom was really the best of all worlds regardless of
computer types.
Joe (aka kilroy)

****
* Ham KH6JF MARS QCWA WW2 VET WD RADIO *
****

2088. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-21 00:37:54 UTC
From: Jim Hale <jhale33@home.com>
Message-ID: <CNoA7.7887$IR4.4791258@news1.denver1.co.home.com>
Source record: 7576

Does it have Mathcad, Autocad, and Photoshop?
Does it have USB ports for my digital camera?
Can my HP color printer and scanner interface to it?

<jfenn@lava.net> wrote
> I refused to do the transgression to PC's. Still using
> Digicom128 V5 with my C128. In fact use the old C128 for
> all internet stuff too! Total freedom from VIRUS'
> activity and constant upgradeing virus software.
> Digicom was really the best of all worlds regardless of
> computer types.

2089. WHAT A WAY TO MAKE MONEY!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-21 13:04:57 UTC
From: sianifach@aol.com
Message-ID: <20011021090457.06925.00000483@mb-bj.aol.com>
Source record: 7577

I found this on a bulletin board like this one and decided to try it.

A little while back, I was browsing through a newsgroups,just like you are now, and came across an article similar to this that said you could make thousands of dollars within weeks with only an initial investment of ï¿½5.00! So I thought, Yeah right, this must be a scam but like most of us, I was curious, so I kept reading.

Anyway, it said that you need to send ï¿½1.00 to each of the 5 names and address stated in the article

You then place your own name and address in the bottom of the list at #5, and post the article in at least 200 newsgroups. (There are millions) No catch, that was it.

So after thinking it over, and talking to a few people first, I thought about trying it. I figured: ;what have I got to lose except 5 stamps and ï¿½5.00, right?

Then I invested the measly ï¿½5.00. Well GUESS WHAT!!...within 7 days, I started getting money in the mail! I was shocked! I figured it would end soon, but the money just kept coming in.

In my first week, I made about ï¿½25.00. By the end of the second week I had made a total of over ï¿½1,000.00! In the third week I had overï¿½10,000.00 and it's still growing.

This is now my fourth week and I have made just over ï¿½42,000.00 and it's still coming in rapidly. It's certainly worth ï¿½5.00, and 5 stamps, I have spent more than that on the lottery!!

Let me tell you how this works and most importantly, why it works.... Also, make sure you print a copy of this article NOW, so you can get the information off of it as you need it.

I promise you that if you follow the directions exactly,that you will start making more money than you thought possible by doing something so easy!

Suggestion:
Read this entire message carefully! (print it out or download it.)

Follow the simple directions and watch the money come in! It's easy. It's legal. And, your investment is only ï¿½5.00 (Plus postage)

IMPORTANT:
This is not a rip-off; it is not indecent; it is not illegal; and it is virtually no risk - it really works!!!! If all of the following instructions are adhered to, you will receive extraordinary dividends.

PLEASE NOTE:
Please follow these directions EXACTLY, and ï¿½50,000 or more can be yours in 20 to 60 days.

This program remains successful because of the honesty and integrity of the participants. Please continue it's success by carefully adhering to the instructions.

Technically, you will now become part of the Mail Order business. In this business your product is not solid and tangible, it's a service.You are in the business of developing Mailing Lists.

Many large corporations are happy to pay big bucks for quality lists. However, the money made from the mailing lists is secondary to the income which is made from people like you and me asking to be included in that list.

Here are the 4 easy steps to success:

STEP 1:
Get 6 separate pieces of paper and write the following on each piece of paper ;PLEASE PUT ME ON YOUR MAILING LIST;

Now get 5 US $1.00 bills or 5 Uk ï¿½ coins (or if you're from Scotland, notes) and place ONE inside EACH of the 5 pieces of paper so the bill or coin will not be seen through the envelope (to prevent thievery).

Next, place one paper in each of the 5 envelopes and seal them. You should now have 5 sealed envelopes, each with a piece of paper stating the phrase ;PLEASE PUT ME ON YOUR MAILING LIST;, your name and address, and a ï¿½1.00 coin or $1 bill. What you are doing is creating aservice. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate service and you are paying for it! If you have any doubts, refer to Title 18 Sec. 1302& 1341 of the Postal lottery
laws. Keep a copy of these steps for yourself and, whenever you need money, you can use it again, and again.

Like most of us I was a little skeptical and a littleworried about the legal aspects of it all. So I checked it out with the PostOffice and they confirmed that it is indeed legal! Mail the 5 envelopes to the following addresses:

1) Ms Alison Claren Grange Farm Barn, Hampshire RG25 2QBEngland
2) Ms J. Ferrere 2 Hemsley House, Streatfield Road, Heathfield TN21 8LA England
3) Ms T. Hutton 14 Blunden Drive, Langley, Berkshire, SL3 8WG
4) Ms V L Pirie 94 Provost Rust Drive Aberdeen Grampian Scotland AB167YL
5) Ms S E St John 60 Erw Non, Llannon, Llanelli, Carms Wales SA14 6BL
Now take the #1 name off the list that you see above, move the other names up (5 becomes 4, 4 becomes 3, etc...) and add YOUR Name as number 5 on the list.
STEP 3: Change anything you need to, but try to keep this article as close to original as possible. Now, post your amended article to at least 200 newsgroups. (I think there are close to 2.4million groups) All you need is 200, but remember, the more you post, the more money you make!

PLEASE REMEMBER that this program remains successful because of the honesty and integrity of the participants and by their carefully adhering to the directions. Look at it this way. If you are of integrity, the program will continue and the money that so many others have received will come your way.
NOTE:
You may want to retain every name and address sent to you,either on a computer or hard copy and keep the notes people send you. This VERIFIES that you are truly providing a service. (Also, it might be a good idea to wrap the $1 in dark paper to reduce the risk of mail theft or if it is acoin, wrap it in tissue paper so that it does not slide around in the envelope.)

So, as each post is downloaded and the directions carefully followed, six members will be reimbursed for their participation as a ListDeveloper with one dollar or pound each.

Your name will move up the list geometrically so that when your name reaches the #1 position you will be receiving thousands of pounds inCASH!!!

What an opportunity for only ï¿½5.00 (ï¿½1.00 for each of thefirst five people listed above)

Send it now, add your own name to the list and you're in business!

---DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS----------
Step 1)
You do not need to re-type this entire letter to do your ownposting.
Simply put your cursor at the beginning of this letter and drag your cursor to the bottom of this document, and select 'copy' from the edit menu. This will copy the entire letter into the computer's memory.

Step 2)
Open a blank 'notepad' file and place your cursor at the top of the blank page. From the 'edit' menu select 'paste'. This will paste a copy of the letter into notepad so that you can add your name to the list.

Step 3)Save your new notepad file as a .txt file. If you want to do your postings indifferent settings, you'll always have this file to go back to.

Step 4)
Use Netscape or Internet explorer and try searching for various newsgroups (on-line forums, message boards, chat sites, discussions.)

Step 5)
Visit these message boards and post this article as a newmessage by highlighting the text of this letter and selecting paste from the edit menu. Fill in the Subject, this will be the header that everyone sees as they scroll through the list of postings in a particular group, click the postmessage button. You're done with your first one!

Congratulations...THAT'S IT!

All you have to do is jump to different newsgroups and postaway, after you get the hang of it, it will take about 30 seconds for each newsgroup!

REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL MAKE!! BUT YOU HAVE TO POST A MINIMUM OF 200

That's it! You will begin receiving money from around the world within days! You may eventually want to rent a P.O.Box due to the large amount of mail you will receive. If you wish to stay anonymous, you can invent a name to use, as long as the postman will deliver it.

JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.

Now the WHY part:
Out of 200 postings, say I receive only 5 replies (a verylow example). So then I made ï¿½5.00 with my name at #5 on the letter.

Now, each of the 5 persons who just sent me ï¿½1.00 make the MINIMUM 200 postings, each with my name at #5 and only 5 persons respond to each of the original 5, that is another ï¿½25.00 for me, now those 25 each make 200 MINIMUM posts with my name at #4 and only 5 replies each, I will bring in an additional ï¿½125.00!

Now, those 125 persons turn around and post the MINIMUM 200 with my name at #3 and only receive 5 replies each, I will make an additional ï¿½625.00!

OK, now here is the fun part, each of those 625 persons post a MINIMUM 200 letters with my name at #2 and they each only receive 5 replies,that just made me ï¿½3,125.00!!!

Those 3,125 persons will all deliver this message to 200 newsgroups with my name at #1 and if still ONLY 5 persons per 200 newsgroups react I will receive ï¿½15,625!

With an original investment of only ï¿½5.00! AMAZING! When your name is no longer on the list, you just take the latest posting in the newsgroups, and send out another $5.00 to names on the list, putting your nameat number 5 again. And start posting again.

The thing to remember is: do you realize that thousands of people all over the world are joining the internet and reading these articles everyday?, JUST LIKE YOU are now!!

So, can you afford ï¿½5.00 and see if it really works?? Ithink so...

People have said, what if the plan is played out and no one sends you the money? So what! What are the chances of that happening when there are tons of new honest users and new honest people who are joining the internet and newsgroups everyday and are willing to give it a try?

Estimates are at 20,000 to 50,000 new users, every day, with thousands of those joining the actual internet. <Remember, play FAIRLY andHONESTLY and this will really work I found this on a bulletin board like this one and decided to try it.
A little while back, I was browsing through a newsgroups,just like you are now, and came across an article similar to this that said you could make thousands of dollars within weeks with only an initial investment of ï¿½5.00! So I thought, Yeah right, this must be a scam but like most of us, I was curious, so I kept

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Then I invested the measly ï¿½5.00. Well GUESS WHAT!!...within 7 days, I started getting money in the mail! I was shocked! I figured it would end soon, but the money just kept coming in.
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This is now my fourth week and I have made just over ï¿½42,000.00 and it's still coming in rapidly. It's certainly worth ï¿½5.00, and 5 stamps, I have spent more than that on the lottery!
Let me tell you how this works and most importantly, why it works.... Also, make sure you print a copy of this article NOW, so you can get the information off of it as you need it.
I promise you that if you follow the directions exactly, that you will start making more money than you thought possible by doing something so easy!
Suggestion:
Read this entire message carefully! (print it out or download it.)
Follow the simple directions and watch the money come in! It's easy. It's legal. And, your investment is only ï¿½5.00 (Plus postage)
IMPORTANT:
This is not a rip-off; it is not indecent; it is not illegal; and it is virtually no risk - it really works!!!! If all of the following instructions are adhered to, you will receive extraordinary dividends.
PLEASE NOTE:
Please follow these directions EXACTLY, and ï¿½50,000 or more can be yours in 20 to 60 days.
This program remains successful because of the honesty and integrity of the participants. Please continue it's success by carefully adhering to the instructions.
Technically, you will now become part of the Mail Order business. In this business your product is not solid and tangible, it's a service. You are in the business of developing Mailing Lists.
Many large corporations are happy to pay big bucks for quality lists. However, the money made from the mailing lists is secondary to the income which is made from people like you and me asking to be included in that list.
Here are the 4 easy steps to success:

STEP 1:
Get 6 separate pieces of paper and write the following on each piece of paper ;PLEASE PUT ME ON YOUR MAILING LIST;
Now get 5 US $1.00 bills or 5 Uk ï¿½ coins (or if you're from Scotland, notes) and place ONE inside EACH of the 5 pieces of paper so the bill or coin will not

be seen through the envelope (to prevent thievery).
Next, place one paper in each of the 5 envelopes and seal them. You should now have 5 sealed envelopes, each with a piece of paper stating the phrase ;PLEASE PUT ME ON YOUR MAILING LIST;, your name and address, and a ï¿½1.00 coin or $1 bill. What you are doing is creating a service. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate service and you are paying for it! If you have any doubts, refer to Title 18 Sec. 1302& 1341 of the Postallotterylaws. Keep a copy of these steps for yourself and, whenever you need money, you can use it again, and again.

Like most of us I was a little sceptical and a little worried about the legal aspects of it all. So I checked it out with the Post Office and they confirmed that it is indeed legal! Mail the 5 envelopes to the following addresses: Ms S. Neri, Flat 3 Duke's Court, Moscow Road, London, W11pj EnglandMs A. Neri, Flat 3Duke's Court, Moscow Road, London, W1 1pj England Ms S Winter, 39a Hawkins Street, Swindon, Wilts SN2 2AQ, England Ms L Hollick, 39a Hawkins Street, Swindon, Wilts SN2 2AQ, England Ms V.Pirie, 94 Provost Rust Drive,Aberdeen, AB16 7YL,Grampian,Scotland Now take the #1 name off the list that you see above, move the other names up (5 becomes 4, 4 becomes 3, etc...) and add YOUR Name as number 5 on the list. STEP 3: Change anything you need to, but try to keep this article as close to original as possible. Now, post your amended article to atleast 200 newsgroups. (I think there are close to 2.4million groups) All you need is 200, but remember, the more you post, the more money you make! PLEASE REMEMBER that this program remains successful because of the honesty and integrity of the participants and by their carefully adhering to the directions. Look at it this way. If you are of integrity, the program will continue and the money that so many others have received will come your way. NOTE: You may want to retain every name and address sent to you, either on a computer or hard copy and keep the notes people send you. This VERIFIES that you are truly providing a service. (Also, it might be a good idea to wrap the $1 in dark paper to reduce the risk of mail theft or if it is a coin, wrap it in tissue paper so that it does not slide around in the envelope.) So, as each post is downloaded and the directions carefully followed, six members will be reimbursed for their participation as a List Developer with one dollar or pound each. Your name will move up the list geometrically so that when your name reaches the #1 position you will be receiving thousands of pounds in CASH!!! What an opportunity for only ï¿½5.00 (ï¿½1.00 for each of the first five people listed above) Send it now, add your own name to the list and you're in business! ---DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS---------- Step 1) You do not need to re-type this entire letter to do your own posting. Simply put your cursor at the beginning of this letter and drag your cursor to the bottom of this document, and select 'copy' from the edit menu. This will copy the entire letter into the computer's memory. Step 2) Open a blank 'notepad' file and place your cursor at the top of the blank page. From the 'edit' menu select 'paste'. This will paste a copy of the letter into notepad so that you can add your name to the list. Step 3)Save your new notepad file as a .txt file. If you want to do your postings indifferent settings, you'll always have this file to go back to. Step 4) Use Netscape or Internet explorer and try searching for various newsgroups (on-line forums, message boards, chat sites, discussions.) Step 5) Visit these message

boards and post this article as a new message by highlighting the text of this letter and selecting paste from the edit menu. Fill in the Subject, this will be the header that everyone sees as they scroll through the list of postings in a particular group, click the post message button. You're done with your first one! Congratulations...THAT'S IT! All you have to do is jump to different newsgroups and post away, after you get the hang of it, it will take about 30 seconds for each newsgroup! **REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL MAKE!! BUT YOU HAVE TO POST A MINIMUM OF 200** That's it! You will begin receiving money from around the world within days! You may eventually want to rent a P.O.Box due to the large amount of mail you will receive. If you wish to stay anonymous, you can invent name to use, as long as the postman will deliver it. **JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.** Now the WHY part: Out of 200 postings, say I receive only 5 replies (a very low example). So then I made ï¿½5.00 with my name at #5 on the letter. Now, each of the 5 persons who just sent me ï¿½1.00 make the MINIMUM 200 postings, each with my name at #5 and only 5 persons respond to each of the original 5, that is another ï¿½25.00 for me, now those 25 each make200 MINIMUM posts with my name at #4 and only 5 replies each, I will bring in an additional ï¿½125.00! Now, those 125 persons turn around and post the MINIMUM 200with my name at #3 and only receive 5 replies each, I will make an additionalï¿½625.00! OK, now here is the fun part, each of those 625 persons post a MINIMUM 200 letters with my name at #2 and they each only receive 5 replies, that just made me ï¿½3,125.00!!! Those 3,125 persons will all deliver this message to 200newsgroups with my name at #1 and if still ONLY 5 persons per 200 newsgroups react I will receive ï¿½15,625! With an original investment of only ï¿½5.00! AMAZING! When your name is no longer on the list, you just take the latest posting in the newsgroups, and send out another $5.00 to names on the list, putting your name at number 5 again. And start posting again. The thing to rememberis: do you realize that thousands of people all over the world are joining the internet and reading these articles everyday?, JUST LIKE YOU are now!! So, can you afford ï¿½5.00 and see if it really works?? I think so... People have said, what if the plan is played out and no one sends you the money? So what! What are the chances of that happening when there are tons of new honest users and new honest people who are joining the internet and newsgroups everyday and are willing to give it a try? Estimates are at 20,000 to 50,000 new users, every day, with thousands of those joining the actual internet. <Remember, play FAIRLY and HONESTLY and this will really work

2090. Re: WHAT A WAY TO MAKE MONEY!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-21 14:13:08 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrn9t5lvk.27k.nomail@linux.pe1chl.ampr.org>
Source record: 7578

Sianifach <sianifach@aol.com> wrote:

>I found this on a bulletin board like this one and decided to try it.

What a stupid mistake!

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2091. FT757 GX II interface protocol

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-22 07:12:14 UTC
From: Burkhard Roland <Roland.Burkhard@ascom.ch>
Message-ID: <3BD3C6CE.89A6D427@ascom.ch>
Source record: 7579
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

Hi all
I would like to adapt my home made receiver control programme to a
friends FT757 GX II.
Could anybody do me a favour?
I send a SASE and contribute to the copy expenses.
Would you make and send photocopies of just the manual pages which
describe the control protocol.
(Commands, handshake and connector).

It would be very nice to help me in this matter.
If yes, send me your snail mail address via net mail.

Thank you in advance

Roland Burkhard
HB9BQR
Solothurn, Switzerland

2092. Re: FT757 GX II interface protocol

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-22 11:16:44 UTC
From: sburgoyne@faux9bit.qc.ca
Message-ID: <3bd3fd09.3784665@news.9bit.qc.ca>
Source record: 7580
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

I can scan the pages and send them to you by email
(5 pages, 500k per page in .jpg format)

What do you think?

I'm sure your friend knows that he needs an interface between rs232
and the radio?

I have the FIF-232 interface by Yeasu
I use only 3 pins on the connector in the back of the radio:
pin 1- Gnd, pin 2 - S.out, pin 3 - S.in
be sure to shield your cable.

Stephan VE2OWL

>
>Roland Burkhard
>HB9BQR
>Solothurn, Switzerland
>

---
to reply direct, remove "faux" from e-mail address

2093. Re: WHAT A WAY TO MAKE MONEY!!!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-23 01:51:39 UTC
From: Harold <hsnyder@houston.flightlessbird.com>
Message-ID: <L24B7.53$hb.56479@typhoon.austin.rr.com>
Source record: 7581

It is amazing that people keep on circulating the same old tired get rich schemes.

There is only only one true way to wealth.

If everyone who reads this message simply sends me $10 I will be wealthy in just a short time. And I thank you.

"Sianifach" <sianifach@aol.com> wrote in message news:20011021090457.06925.00000483@mb-bj.aol.com...
>
>
>
> I found this on a bulletin board like this one and decided to try it.
>
> A little while back, I was browsing through a newsgroups,just like you are now,
> and came across an article similar to this that said you could make thousands
> of dollars within weeks with only an initial investment of 5.00! So I thought,
> Yeah right, this must be a scam but like most of us, I was curious, so I kept
> reading.
>
> Anyway, it said that you need to send 1.00 to each of the 5 names and address
> stated in the article
>
> You then place your own name and address in the bottom of the list at #5, and
> post the article in at least 200 newsgroups. (There are millions) No catch,
> that was it.
>
> So after thinking it over, and talking to a few people first, I thought about
> trying it. I figured: ;what have I got to lose except 5 stamps and 5.00,
> right?
>
> Then I invested the measly 5.00. Well GUESS WHAT!!...within 7 days, I started
> getting money in the mail! I was shocked! I figured it would end soon, but the

> money just kept coming in.
>
> In my first week, I made about ?25.00. By the end of the second week I had
made
> a total of over ?1,000.00! In the third week I had over?10,000.00 and it's
> still growing.
>
> This is now my fourth week and I have made just over ?42,000.00 and it's
still
> coming in rapidly. It's certainly worth ?5.00, and 5 stamps, I have spent
more
> than that on the lottery!!
>
> Let me tell you how this works and most importantly, why it works....
Also,
> make sure you print a copy of this article NOW, so you can get the
information
> off of it as you need it.
>
> I promise you that if you follow the directions exactly,that you will
start
> making more money than you thought possible by doing something so easy!
>
> Suggestion:
> Read this entire message carefully! (print it out or download it.)
>
> Follow the simple directions and watch the money come in! It's easy. It's
> legal. And, your investment is only ?5.00 (Plus postage)
>
> IMPORTANT:
> This is not a rip-off; it is not indecent; it is not illegal; and it is
> virtually no risk - it really works!!!! If all of the following
instructions
> are adhered to, you will receive extraordinary dividends.
> PLEASE NOTE:
> Please follow these directions EXACTLY, and ?50,000 or more can be yours
in 20
> to 60 days.
>
> This program remains successful because of the honesty and integrity of
the
> participants. Please continue it's success by carefully adhering to the
> instructions.
>
> Technically, you will now become part of the Mail Order business. In this
> business your product is not solid and tangible, it's a service.You are in
the
> business of developing Mailing Lists.
>

> Many large corporations are happy to pay big bucks for quality lists.
However,
> the money made from the mailing lists is secondary to the income which is
made
> from people like you and me asking to be included in that list.
>
> Here are the 4 easy steps to success:
>
> STEP 1:
> Get 6 separate pieces of paper and write the following on each piece of
paper
> ;PLEASE PUT ME ON YOUR MAILING LIST;
>
> Now get 5 US $1.00 bills or 5 Uk £ coins (or if you're from Scotland,
notes)
> and place ONE inside EACH of the 5 pieces of paper so the bill or coin
will not
> be seen through the envelope (to prevent thievery).
>
> Next, place one paper in each of the 5 envelopes and seal them. You should
now
> have 5 sealed envelopes, each with a piece of paper stating the phrase
;PLEASE
> PUT ME ON YOUR MAILING LIST;, your name and address, and a £1.00 coin or
$1
> bill. What you are doing is creating aservice. THIS IS ABSOLUTELY LEGAL!
You
> are requesting a legitimate service and you are paying for it! If you have
any
> doubts, refer to Title 18 Sec. 1302& 1341 of the Postal lottery
> laws. Keep a copy of these steps for yourself and, whenever you need
money, you
> can use it again, and again.
>
>
> Like most of us I was a little skeptical and a littleworried about the
legal
> aspects of it all. So I checked it out with the PostOffice and they
confirmed
> that it is indeed legal! Mail the 5 envelopes to the following addresses:
>
> 1) Ms Alison Claren Grange Farm Barn, Hampshire RG25 2QBEngland
> 2) Ms J. Ferrere 2 Hemsley House, Streatfield Road, Heathfield TN21 8LA
> England
> 3) Ms T. Hutton 14 Blunden Drive, Langley, Berkshire, SL3 8WG
> 4) Ms V L Pirie 94 Provost Rust Drive Aberdeen Grampian Scotland AB167YL
> 5) Ms S E St John 60 Erw Non, Llannon, Llanelli, Carms Wales SA14 6BL
> Now take the #1 name off the list that you see above, move the other names
up

> (5 becomes 4, 4 becomes 3, etc...) and add YOUR Name as number 5 on the
list.
> STEP 3: Change anything you need to, but try to keep this article as close
to
> original as possible. Now, post your amended article to at least 200
> newsgroups. (I think there are close to 2.4million groups) All you need is
200,
> but remember, the more you post, the more money you make!
>
>
> PLEASE REMEMBER that this program remains successful because of the
honesty and
> integrity of the participants and by their carefully adhering to the
> directions. Look at it this way. If you are of integrity, the program will
> continue and the money that so many others have received will come your
way.
> NOTE:
> You may want to retain every name and address sent to you,either on a
computer
> or hard copy and keep the notes people send you. This VERIFIES that you
are
> truly providing a service. (Also, it might be a good idea to wrap the $1
in
> dark paper to reduce the risk of mail theft or if it is acoin, wrap it in
> tissue paper so that it does not slide around in the envelope.)
>
> So, as each post is downloaded and the directions carefully followed, six
> members will be reimbursed for their participation as a ListDeveloper with
one
> dollar or pound each.
>
> Your name will move up the list geometrically so that when your name
reaches
> the #1 position you will be receiving thousands of pounds inCASH!!!
>
> What an opportunity for only €5.00 (€1.00 for each of thefirst five people
> listed above)
>
> Send it now, add your own name to the list and you're in business!
>
> ---DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS----------
> Step 1)
> You do not need to re-type this entire letter to do your ownposting.
> Simply put your cursor at the beginning of this letter and drag your
cursor to
> the bottom of this document, and select 'copy' from the edit menu. This
will
> copy the entire letter into the computer's memory.
>

> Step 2)
> Open a blank 'notepad' file and place your cursor at the top of the blank
page.
> From the 'edit' menu select 'paste'. This will paste a copy of the letter
into
> notepad so that you can add your name to the list.
>
> Step 3)Save your new notepad file as a .txt file. If you want to do your
> postings indifferent settings, you'll always have this file to go back to.
>
> Step 4)
> Use Netscape or Internet explorer and try searching for various newsgroups
> (on-line forums, message boards, chat sites, discussions.)
>
> Step 5)
> Visit these message boards and post this article as a newmessage by
> highlighting the text of this letter and selecting paste from the edit
menu.
> Fill in the Subject, this will be the header that everyone sees as they
scroll
> through the list of postings in a particular group, click the postmessage
> button. You're done with your first one!
>
> Congratulations...THAT'S IT!
>
> All you have to do is jump to different newsgroups and postaway, after you
get
> the hang of it, it will take about 30 seconds for each newsgroup!
>
> **REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL
MAKE!! BUT
> YOU HAVE TO POST A MINIMUM OF 200**
>
> That's it! You will begin receiving money from around the world within
days!
> You may eventually want to rent a P.O.Box due to the large amount of mail
you
> will receive. If you wish to stay anonymous, you can invent a name to use,
as
> long as the postman will deliver it.
>
> **JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.**
>
> Now the WHY part:
> Out of 200 postings, say I receive only 5 replies (a verylow example). So
then
> I made ?5.00 with my name at #5 on the letter.
>
> Now, each of the 5 persons who just sent me ?1.00 make the MINIMUM 200

> postings, each with my name at #5 and only 5 persons respond to each of
the
> original 5, that is another ?25.00 for me, now those 25 each make 200
MINIMUM
> posts with my name at #4 and only 5 replies each, I will bring in an
additional
> ?125.00!
>
> Now, those 125 persons turn around and post the MINIMUM 200 with my name
at #3
> and only receive 5 replies each, I will make an additional ?625.00!
>
> OK, now here is the fun part, each of those 625 persons post a MINIMUM 200
> letters with my name at #2 and they each only receive 5 replies,that just
made
> me ?3,125.00!!!
>
> Those 3,125 persons will all deliver this message to 200 newsgroups with
my
> name at #1 and if still ONLY 5 persons per 200 newsgroups react I will
receive
> ?15,625!
>
> With an original investment of only ?5.00! AMAZING! When your name is no
longer
> on the list, you just take the latest posting in the newsgroups, and send
out
> another $5.00 to names on the list, putting your nameat number 5 again.
And
> start posting again.
>
> The thing to remember is: do you realize that thousands of people all over
the
> world are joining the internet and reading these articles everyday?, JUST
LIKE
> YOU are now!!
>
> So, can you afford ?5.00 and see if it really works?? Ithink so...
>
> People have said, what if the plan is played out and no one sends you the
> money? So what! What are the chances of that happening when there are tons
of
> new honest users and new honest people who are joining the internet and
> newsgroups everyday and are willing to give it a try?
>
>
> Estimates are at 20,000 to 50,000 new users, every day, with thousands of
those
> joining the actual internet. <Remember, play FAIRLY andHONESTLY and this

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> really work I found this on a bulletin board like this one and
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> try it.
> A little while back, I was browsing through a newsgroups,just like you are
now,
> and came across an article similar to this that said you could make
thousands
> of dollars within weeks with only an initial investment of €5.00! So I
thought,
> Yeah right, this must be a scam but like most of us, I was curious, so I
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> reading.
> Anyway, it said that you need to send €1.00 to each of the 5 names and
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> stated in the article
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> You then place your own name and address in the bottom of the list at #5,
and
> post the article in at least 200 newsgroups. (there are millions) No
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> that was it.
> So after thinking it over, and talking to a few people first, I thought
about
> trying it. I figured: ;what have I got to lose except 5 stamps and €5.00,
> right?
> Then I invested the measly €5.00. Well GUESS WHAT!!...within 7 days, I
started
> getting money in the mail! I was shocked! I figured it would end soon, but
the
> money just kept coming in.
> In my first week, I made about €25.00. By the end of the second week I had
made
> a total of over €1,000.00! In the third week I had over€10,000.00 and it's
> still growing.
> This is now my fourth week and I have made just over €42,000.00 and it's
still
> coming in rapidly. It's certainly worth €5.00, and 5 stamps, I have spent
more
> than that on the lottery!
> Let me tell you how this works and most importantly, why it works....
Also,
> make sure you print a copy of this article NOW, so you can get the
information
> off of it as you need it.
> I promise you that if you follow the directions exactly, that you will
start
> making more money than you thought possible by doing something so easy!
> Suggestion:

> Read this entire message carefully! (print it out or download it.)
> Follow the simple directions and watch the money come in! It's easy. It's
> legal. And, your investment is only ?5.00 (Plus postage)
> IMPORTANT:
> This is not a rip-off; it is not indecent; it is not illegal; and it is
> virtually no risk - it really works!!!! If all of the following
instructions
> are adhered to, you will receive extraordinary dividends.
> PLEASE NOTE:
> Please follow these directions EXACTLY, and ?50,000 or more can be yours
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> to 60 days.
> This program remains successful because of the honesty and integrity of
the
> participants. Please continue it's success by carefully adhering to the
> instructions.
> Technically, you will now become part of the Mail Order business. In this
> business your product is not solid and tangible, it's a service. You are
in the
> business of developing Mailing Lists.
> Many large corporations are happy to pay big bucks for quality lists.
However,
> the money made from the mailing lists is secondary to the income which is
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> from people like you and me asking to be included in that list.
> Here are the 4 easy steps to success:
>
> STEP 1:
> Get 6 separate pieces of paper and write the following on each piece of
paper
> ;PLEASE PUT ME ON YOUR MAILING LIST;
> Now get 5 US $1.00 bills or 5 Uk ? coins (or if you're from Scotland,
notes)
> and place ONE inside EACH of the 5 pieces of paper so the bill or coin
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> be seen through the envelope (to prevent thievery).
> Next, place one paper in each of the 5 envelopes and seal them. You
should now
> have 5 sealed envelopes, each with a piece of paper stating the phrase
;PLEASE
> PUT ME ON YOUR MAILING LIST;, your name and address, and a ?1.00 coin or
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> bill. What you are doing is creating a service. THIS IS ABSOLUTELY LEGAL!
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> of these steps for yourself and, whenever you need money, you can use it

again,
> and again.
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> Like most of us I was a little sceptical and a little worried about the
legal
> aspects of it all. So I checked it out with the Post Office and they
confirmed
> that it is indeed legal! Mail the 5 envelopes to the following addresses:
> Ms S. Neri, Flat 3 Duke's Court, Moscow Road, London, W11pj EnglandMs A.
Neri,
> Flat 3Duke's Court, Moscow Road, London, W1 1pj England Ms S Winter, 39a
> Hawkins Street, Swindon, Wilts SN2 2AQ, England Ms L Hollick, 39a Hawkins
> Street, Swindon, Wilts SN2 2AQ, England Ms V.Pirie, 94 Provost Rust
> Drive,Aberdeen, AB16 7YL,Grampian,Scotland Now take the #1 name off the
list
> that you see above, move the other names up (5 becomes 4, 4 becomes 3,
etc...)
> and add YOUR Name as number 5 on the list. STEP 3: Change anything you
need to,
> but try to keep this article as close to original as possible. Now, post
your
> amended article to atleast 200 newsgroups. (I think there are close to
> 2.4million groups) All you need is 200, but remember, the more you post,
the
> more money you make! PLEASE REMEMBER that this program remains
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> because of the honesty and integrity of the participants and by their
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> adhering to the directions. Look at it this way. If you are of integrity,
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> program will continue and the money that so many others have received will
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> your way. NOTE: You may want to retain every name and address sent to
you,
> either on a computer or hard copy and keep the notes people send you. This
> VERIFIES that you are truly providing a service. (Also, it might be a good
idea
> to wrap the $1 in dark paper to reduce the risk of mail theft or if it is
a
> coin, wrap it in tissue paper so that it does not slide around in the
> envelope.) So, as each post is downloaded and the directions carefully
> followed, six members will be reimbursed for their participation as a List
> Developer with one dollar or pound each. Your name will move up the list
> geometrically so that when your name reaches the #1 position you will be
> receiving thousands of pounds in CASH!!! What an opportunity for only
£5.00
> (£1.00 for each of the first five people listed above) Send it now, add
your
> own name to the list and you're in business! ---DIRECTIONS ----- FOR HOW

TO
> POST TO NEWSGROUPS---------- Step 1) You do not need to re-type this
entire
> letter to do your own posting. Simply put your cursor at the beginning of
this
> letter and drag your cursor to the bottom of this document, and select
'copy'
> from the edit menu. This will copy the entire letter into the computer's
> memory. Step 2) Open a blank 'notepad' file and place your cursor at
the top
> of the blank page. From the 'edit' menu select 'paste'. This will paste a
copy
> of the letter into notepad so that you can add your name to the list.
Step
> 3)Save your new notepad file as a .txt file. If you want to do your
postings
> indifferent settings, you'll always have this file to go back to. Step 4)
Use
> Netscape or Internet explorer and try searching for various newsgroups
(on-line
> forums, message boards, chat sites, discussions.) Step 5) Visit these
message
> boards and post this article as a new message by highlighting the text of
this
> letter and selecting paste from the edit menu. Fill in the Subject, this
will
> be the header that everyone sees as they scroll through the list of
postings in
> a particular group, click the post message button. You're done with your
first
> one! Congratulations...THAT'S IT! All you have to do is jump to
different
> newsgroups and post away, after you get the hang of it, it will take about
30
> seconds for each newsgroup! **REMEMBER, THE MORE NEWSGROUPS YOU POST IN,
THE
> MORE MONEY YOU WILL MAKE!! BUT YOU HAVE TO POST A MINIMUM OF 200**
That's
> it! You will begin receiving money from around the world within days! You
may
> eventually want to rent a P.O.Box due to the large amount of mail you will
> receive. If you wish to stay anonymous, you can invent name to use, as
long as
> the postman will deliver it. **JUST MAKE SURE ALL THE ADDRESSES ARE
> CORRECT.** Now the WHY part: Out of 200 postings, say I receive only 5
> replies (a very low example). So then I made $5.00 with my name at #5 on
the
> letter. Now, each of the 5 persons who just sent me $1.00 make the MINIMUM
200

> postings, each with my name at #5 and only 5 persons respond to each of
the
> original 5, that is another ?25.00 for me, now those 25 each make200
MINIMUM
> posts with my name at #4 and only 5 replies each, I will bring in an
additional
> ?125.00! Now, those 125 persons turn around and post the MINIMUM 200with
my
> name at #3 and only receive 5 replies each, I will make an
additional?625.00!
> OK, now here is the fun part, each of those 625 persons post a MINIMUM 200
> letters with my name at #2 and they each only receive 5 replies, that just
made
> me ?3,125.00!!! Those 3,125 persons will all deliver this message to
> 200newsgroups with my name at #1 and if still ONLY 5 persons per 200
newsgroups
> react I will receive ?15,625! With an original investment of only ?5.00!
> AMAZING! When your name is no longer on the list, you just take the latest
> posting in the newsgroups, and send out another $5.00 to names on the
list,
> putting your name at number 5 again. And start posting again. The thing to
> rememberis: do you realize that thousands of people all over the world are
> joining the internet and reading these articles everyday?, JUST LIKE YOU
are
> now!! So, can you afford ?5.00 and see if it really works?? I think so...
> People have said, what if the plan is played out and no one sends you the
> money? So what! What are the chances of that happening when there are tons
of
> new honest users and new honest people who are joining the internet and
> newsgroups everyday and are willing to give it a try? Estimates are
at
> 20,000 to 50,000 new users, every day, with thousands of those joining the
> actual internet. <Remember, play FAIRLY and HONESTLY and this will really
work
>
>
>
>
>
>
>
>

2094. SOUNDCARD MODE SOFTWARE'S ETC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-23 11:42:41 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <RIcB7.15268$oN3.1555339@news1.cableinet.net>
Source record: 7582

Hi all.

Just an update to say I hold the latest soundcard software's for PSK, HELL, RTTY, MFSK, SSTV etc for both MS Windows, Linux, and MAC. All on the Software & Circuits Page.
Plus a range of isolation interfaces to use between your rig, and pc soundcard. These are high quality units at a very competetive price. There are also other bits and pieces on the Interface Products Page.

Take a look see :-)

http://www.g3vfp.com

Regards,

Dave G3VFP.

2095. packet radio modem with PIC 16c620/621

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-23 22:54:44 UTC
From: Adam <adam9a4qv@yahoo.com>
Message-ID: <9r4sk8$cs0l$1@as201.hinet.hr>
Source record: 7583

Hello,

Can anybody send me a schematic and hex file of packet radio modem 1200 bd built with PIC 16c620 or 16c621. I saw the same on the hamfest but can not find nothing on the web.

Thanks Adam, 9a4qv

2096. Re: FT757 GX II interface protocol

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-24 08:20:23 UTC
From: Burkhard Roland <Roland.Burkhard@ascom.ch>
Message-ID: <3BD679C7.39CEFEBC@ascom.ch>
Source record: 7584

Good morning Stephan,
Thank you very much for your prompt answer and kind offer.
Yes, please! If you would scan these 5 pages and mail them to me in any format.
Max mail size ca. 1 M.

We have the RS 232 interface and respective hardware know how.
What is needed is just the protocol description.

If you want to have your eventual expenses paid, please note it.
Otherwise, give your snail mail address. I will send a nice QSL

Thanks again and best regards from Switzerland

Roland

Roland Burkhard
HB9BQR
Solothurn, Switzerland

(Direct mail didn't work)

2097. Re: Need help building PSK31 interface for HTX-100

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-25 11:01:41 UTC
From: kg4fet@aol.combadspam
Message-ID: <20011025070141.08464.00000161@mb-ma.aol.com>
Source record: 7585

Also look at the 2n2222 interface on www.qsl.net/wm2u. I built that one and used the same 600ohm 1:1 audio transformer circuit that is on that page. All the parts can be had at Radio Shack including the PC board/project box combo, and using the MPS 2222A switching transister they carry. I use it on an HTX 100 and worked 117 countries in 2 weeks on 10 mtrs. Waiting to get the cards to confirm it (PSK DXCC).
Good Luck and catch ya on 10 mtrs soon
DE KG4FET Sandor

2098. TRGPro and PocketAPRS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-25 16:39:48 UTC
From: dagroe@digitalme.com
Message-ID: <2daa0d81.0110250839.650f7c44@posting.google.com>
Source record: 7586

Anybody using a TRGPro PDA and PocketAPRS?
Just curious. If I understand the TRGPro properly, it can be expanded to have two serial ports, which would solve the requirement of a GPS compatible TNC. I have never seen one of these creatures out in the wild, so that is one of the reasons why I ask.

Thanks

Dean

2099. Re: DATA PLUG WIRING

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-26 15:55:06 UTC
From: John Benedict <ke5rs@hotmail.com>
Message-ID: <ttj1r3jh75f008@corp.supernews.com>
Source record: 7587

Hello Ron
Can't help you with the pinouts but as far as soldering the wires to the DIN plug. I think you might be able to acquire an old mouse or keyboard that has the same DIN plug. Just cut the mouse or keyboard off of the cable and use that cable with the plug already installed and with molded strain relief.
73's John KE5RS

"Ron Goldstein" <rong@computer.net> wrote in message
news:3b8d95ea.5562707@news.computer.net...
> Hi All,
>
> I just got a brand new Yaesu FT-1500. I want to hook up my PK-232 TNC to
> its data jack. In the manual it gives the pin outs for the jack, and on
the
> schematic it shows a diagram of the jack and the position of the
terminals.
> However, it does not say if the diagram is shown looking from the outside
or
> from the inside of the radio. Has anyone figured this out ???? How on
earth do
> you solder your cable onto the pins of the mini din 6 pin plug--it's so
small,
> and the pins are solid--not hollow like a standard din plug.
>
> **********
> Ron Goldstein.....KA2IIA
> STAY YOUNG---DRIVE A VINTAGE 427 CORVETTE.
> KEEP YOUR MIND ACTIVE---BECOME AN AMATEUR RADIO OPERATOR.
>
> REMEMBER, THERE ARE NO STRANGERS IN AMATEUR RADIO, ONLY FRIENDS
> THAT WE HAVE NOT YET MET.
> rong@computer.net******ka2iia@arrl.net

2100. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 00:25:50 UTC
From: AB2HR <ab2hr@arrl.net>
Message-ID: <900kttshme0rjisqbqoq6rf1vne6t5ad1v@4ax.com>
Source record: 7588

On Thu, 18 Oct 2001 22:39:33 -0400, Jim - qrp/cw <kw3u@warwick.net>
wrote:

>Hi; new to this group; have a question.
>Getting back on packet ... years ago built the digicom and
>used c-64...now picked up a kpc-3 and hooked it to a 486dx100
>and downloaded a package called buxterm(freeware). works but
>as stuff comes in the top of the screen lines go to bit bucket...
>so with no printer attached the stuff is history.
>any programs that have maybe a scroll bar or something to look at a
>couple screenfuls
>of things i may have missed?.
>Many tnx for any help, I see a lot of software on inet for packet,but no
>descriptions
>and really don't want to download and try one by one.
> 73Jim kw3u
>

Unless you're planning on doing binary file transfers, why use a
dedicated packet program? Wouldn't your TNC work with a generic
terminal program? ProComm? Telix? MS-Windows Terminal? Win9x
HyperTerm?

Just a question...

Raymond Sirois AB2HR
SysOp: The Lost Chord BBS
607-733-5745
telnet:\\thelostchord.dns2go.com:6000

2101. ModemSwitch(tm) Ver. 1a available free from Timewave

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 00:37:39 UTC
From: rgawtry@timewave.com
Message-ID: <Xns9146D81971D55rgawtrytimewavecom@206.252.237.19>
Source record: 7589
Cross-posted to: alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.equipment

ModemSwitch(tm) version 1a is now available at http://www.timewave.com.
(It's FREE!)
ModemSwitch(tm) is a neat little utility program for the PK-232/PSK. Its
main function is to switch the PK-232/PSK between internal modems and sound
card modems, but it's a great utility to help sort out your computer serial
port-to-PK-232 (or other Timewave/AEA data controller) communications. It
identifies available serial ports, reads firmware version date, and lets
you select the computer-to-TNC baud rate. If that isn't enough, check out
the Dumb Terminal window for quick verification of TNC operation.

2102. PK-232/PSK Sound Card Interface intro price ends Oct. 31, 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 00:54:13 UTC
From: rgawtry@timewave.com
Message-ID: <Xns9146DAE8898E3rgawtrytimewavecom@206.252.237.19>
Source record: 7590
Cross-posted to: alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

The PK-232/PSK Sound Card Interface Upgrade Kit introductory price offer ends Oct. 31, 2001. The introductory price is $49.95 for orders received by Oct. 31, 2001. The price after Oct. 31, 2001 is $69.95.

The demand has been high so order now to avoid delays in delivery - we're been shipping for a month and we're already on the third production run!

Check the details at http://www.timewave.com

2103. How to reduce laptop radio noise...?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 16:45:08 UTC
From: tek_guy@hotmail.com
Message-ID: <cbf4a67d.0110270845.5adf653d@posting.google.com>
Source record: 7591

Hello.

Currently, I've got an old Dell Latitude XPi 120 mHz laptop with an Altec Lansing outboard sound card in the shack...and I'm having some problems.

Every time I turn the laptop on, a high-pitched whine is noticable on the radio, which is about 2 feet away from the laptop and runs off the same power outlet. I've narrowed it down to the laptop's monitor as the culprit, because the sound card by itself is quiet, and when I tilt the screen down or away from the radio, the whine goes away. The interference is more noticeable on SSB than AM.

Does anyone have advice on how to get rid of this interference? I'm going to be moving my shack soon, and will have access to several more outlets; would plugging the computer and the radio into seperate outlets do anything? What about installing RF chokes on the computer's power cords?

Thanks for any help.

73s,

Jim
KG4NEL

2104. SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 21:51:41 UTC
From: Martin Vejmelka <vejmelkam@volny.cz>
Message-ID: <9rfa87$31j9$1@news.vol.cz>
Source record: 7592

Hello everybody,

i am sorry if this post is a repetition, but i have searched DEJA and i am not wise from what is there.

My background is 2 years of electrical engineering (cybernetics) and almost no radio electronics, besides theoretical stuff like modulation, fourier computations, filters and the like.

I need to construct an SSB (a term I just found on the net :-) receiver suitable for NAVTEX (518 kHz), the project needs at least 15 electrical components and should be a class IV PCB with max 4 layers.

Can anyone PLEASE point me to some place where I can get Information on constructing SSB receivers ?? NAVTEX uses SITOR-B (FEC) to transmit. Since I can't orientate myself very good in these waters, i don't exactly know where paydirt is ...

thanks to anyone who answers

Martin Vejmelka

2105. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 22:14:27 UTC
From: Adam <adam9a4qv@yahoo.com>
Message-ID: <9rfbou$anta$1@as201.hinet.hr>
Source record: 7593

Hello Martin!

Oh boy, you will need more than 15 elements to build NAVTEX receiver, that's for sure.
So what you need is MW receiver capable of receiving frequency of 518 khz and decoder for sitor-B
mode. This equipment is comercial but you can find on the net software for decoding the same, so you need a receiver and computer. More information about navtex you can find on the maritime pages because this system is used only for marine purposes.

Good luck, Adam

2106. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 22:22:08 UTC
From: "George, W5YR" <w5yr@att.net>
Message-ID: <3BDB338E.C462413E@att.net>
Source record: 7594

Just one word of advice: that custom designed and fabricated 4-layer board
is going to cost you a fortune, compared to the rest of the radio. Most
one-of-a kind construction uses anything except a multi-layer board which
is a major design and fabrication project in itself.

And expect to need considerably more than 15 components.

If you can obtain a copy of the American Radio Relay Leaguq (ARRL)
Handbook, it will contain much information for you.

Is this a school project or your work assignment or what? Just curious . .
.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Martin Vejmelka wrote:
>
> Hello everybody,
>
> i am sorry if this post is a repetition, but i have searched DEJA and i am
> not wise from what is there.
>
> My background is 2 years of electrical engineering (cybernetics) and almost
> no radio electronics, besides theoretical stuff like modulation, fourier
> computations, filters and the like.
>
> I need to construct an SSB (a term I just found on the net :-) receiver
> suitable for NAVTEX (518 kHz), the project needs at least 15 electrical
> components and should be a class IV PCB with max 4 layers.
>
> Can anyone PLEASE point me to some place where I can get Information on
> constructing SSB receivers ?? NAVTEX uses SITOR-B (FEC) to transmit. Since
> I can't orientate myself very good in these waters, i don't exactly know
> where paydirt is ...
>
> thanks to anyone who answers
>
> Martin Vejmelka

2107. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-27 23:45:45 UTC
From: mikea@mikea.ath.cx
Message-ID: <JGHC7.1143$_T.300637276@newssvr16.news.prodigy.com>
Source record: 7595

George, W5YR <w5yr@att.net> wrote:
: Just one word of advice: that custom designed and fabricated 4-layer board
: is going to cost you a fortune, compared to the rest of the radio. Most
: one-of-a kind construction uses anything except a multi-layer board which
: is a major design and fabrication project in itself.

: And expect to need considerably more than 15 components.

: If you can obtain a copy of the American Radio Relay Leaguq (ARRL)
: Handbook, it will contain much information for you.

: Is this a school project or your work assignment or what? Just curious . .
: .

It sure sounds like a school project. If it is, it's probably at
some university with its own PC board fabrication setup, so the
multilayer board may not be such a lunch-eater. More than a few
universities even have their own chip-fabrication hardware now.
(I gotta make friends with some EE profs here in town!)

If, OTOH, it's a _work_ project, then one hopes work is picking
up the tab.

--
Einstein argued that there must be simplified explanations of nature, because
God is not capricious or arbitrary. No such faith comforts the software
engineer.
- Fred Brooks, Jr.

2108. Re: PK-232/PSK Sound Card Interface intro price ends Oct. 31, 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 04:40:06 UTC
From: Dave VanHorn <dvanhorn@cedar.net>
Message-ID: <G_LC7.101644$My2.55411769@news1.mntp1.il.home.com>
Source record: 7596

"Randall Gawtry" <rgawtry@timewave.com> wrote in message
news:Xns9146DAE8898E3rgawtrytimewavecom@206.252.237.19...
> The PK-232/PSK Sound Card Interface Upgrade Kit introductory price offer
> ends Oct. 31, 2001. The introductory price is $49.95 for orders received
by
> Oct. 31, 2001. The price after Oct. 31, 2001 is $69.95.

Dosen't anyone BUILD anymore?
Mine cost about $10 in RS parts, works fine.
If you value your time though, $50 isn't bad if all you have to do is plug
it in.

--
Dave's Engineering Page: http://www.dvanhorn.org

Got a need to read Bar codes? http://www.barcodechip.com
Bi-directional read of UPC-A, UPC-E, EAN-8, EAN-13, JAN, and Bookland, with
two or five digit supplemental codes, in an 8 pin chip, with NO external
parts.

2109. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 12:12:37 UTC
From: Martin Vejmelka <vejmelkam@volny.cz>
Message-ID: <9rgsmf$2fmk$1@news.vol.cz>
Source record: 7599

Hey Adam,

actually i am fine with NAVTEX and i can program the decoder of CCIR 476 in software including the separation and cross-check of the NAVTEX channels with no problems at all and i can handle the PC side of RS232 with no trouble too

The problem is the receiver, so what i exactly need is:

SSB receiver
518 kHz - fixed tuning
Conversion to RS-232

- i know i can buy (even in the Czech Republic) an FSK modem able to handle the NAVTEX signal for about 3$ (1700 Hz, 170Hz mark-space distance, 100 bps)
- the RS-232 comms can be handled very easily using a MAX232 chip (TTL-->RS232)

--> so i need a tuned amp, an oscillator giving me 518kHz and a mixer to extract the 1700 Hz wave, then feed that into the FSK modem and the modem can give me the 1s and 0s. Do i have that right ??

what i need urgenly is to decide quickly whether to use a heterodyne or direct-conversion receiver (i still don't see which one is better for me and the merits of each system - no experience or idea here ??)

I would very much appreciate any fast pointers to get me going, the preliminary is due tomorrow (yes - i know i slipped on that a little bit, but i thought i had the thing ready and didn't consult any pro's and that's what happens :-((

Thank you very much people
Martin Vejmelka

2110. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 12:15:25 UTC
From: Martin Vejmelka <vejmelkam@volny.cz>
Message-ID: <9rgsrn$2fmu$1@news.vol.cz>
Source record: 7597

Hey George,

I am the one who has to design the board with OrCAD soft. And i am probably going to fit the receiver on a 2layer board, this shouldn't be such a financial drain. And i don't have to give them the board, the board i can keep, so no problem there ... :-)

I do expect the component count high up, but then 15 is just the lower bound :-)

I just checked and the nearest place to get the ARRL handbook is Germany, somewhere in the middle ... i don't think this is too good for me ...

Martin

2111. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 12:18:45 UTC
From: Martin Vejmelka <vejmelkam@volny.cz>
Message-ID: <9rgt1u$2frt$1@news.vol.cz>
Source record: 7598

Hey Mike,

I live in the Czech Republic and i attend CTU (Czech Tech. University), the only thing they have here in excellent quality is theory (mathematics -> complex analysis & fourier, laplace, physics of components, etc.), compared to US universities we don't have zilch, but i can get a shop to do the board for me without killing my budget for the next 10 years :-) I do expect the component count to go up.

have a nive day

Martin

"Mike Andrews" <mikea@mikea.ath.cx> wrote in message news:JGHC7.1143$_T.300637276@newssvr16.news.prodigy.com...
> George, W5YR <w5yr@att.net> wrote:
> : Just one word of advice: that custom designed and fabricated 4-layer board
> : is going to cost you a fortune, compared to the rest of the radio. Most
> : one-of-a kind construction uses anything except a multi-layer board which
> : is a major design and fabrication project in itself.
>
> : And expect to need considerably more than 15 components.
>
> : If you can obtain a copy of the American Radio Relay Leaguq (ARRL)
> : Handbook, it will contain much information for you.
>
> : Is this a school project or your work assignment or what? Just curious . .
> : .
>
> It sure sounds like a school project. If it is, it's probably at
> some university with its own PC board fabrication setup, so the
> multilayer board may not be such a lunch-eater. More than a few
> universities even have their own chip-fabrication hardware now.
> (I gotta make friends with some EE profs here in town!)
>
> If, OTOH, it's a _work_ project, then one hopes work is picking
> up the tab.
>
> --
> Einstein argued that there must be simplified explanations of nature, because
> God is not capricious or arbitrary. No such faith comforts the software

> engineer.
> - Fred Brooks, Jr.

2112. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 13:15:29 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tto18arh7f9a30@corp.supernews.com>
Source record: 7600

The pieces you need are 1) a SSB receiver that will receive the SITOR FSK signal and give you FSK audio tones out of the receiver. 2) Follow that with a modem to convert the audio tones to a digital signal at RS-232 levels. 3) Follow that with a SITOR decoder. 4) follow that with the display. The decoding and display could be done in a PC by taking the digital signal into a serial port or the audio from the receiver could go into a computer sound card and perform the modem functions in the PC along with the decoding and display functions.

I've never worked with NAVTEXT but as I understand it, it is a matter of parsing the text data (message type and ID number) coming out of the SITOR decoder to create filters to properly route the messages. This makes sure that only messages of interest are saved and that they are only saved once even though they may be transmitted by the SITOR station multiple times.

SITOR is know in amateur circles as AMTOR Mode B or AMTOR FEC so you may be able to find some info by searching on these terms.

2113. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 13:27:29 UTC
From: Martin Vejmelka <vejmelkam@volny.cz>
Message-ID: <9rh12s$2n11$1@news.vol.cz>
Source record: 7501

YESS, Bob !!!

you have exactly captured the essence of my situation ...
now for the exact or more precise info ??

HOW can i construct a fixed frequency (MF band, 518 kHz) SSB receiver ????
I need only the part 1. of your problem description ... i can buy the FSK
modem ...
i.e. WHERE can I find a circuit diagram that can be somehow converted to an
SSB with 518 kHz reception ?

I have understood the AMTOR FEC system (7-unit FEC) and i can decode it, but
i need the SSB ??

It is just the RF part that i don't understand ... just the SSB receiver,
the rest is now fine.

Thank you very much for your input

Martin Vejmelka

2114. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 14:10:25 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <tto4fgk5bq2m36@corp.supernews.com>
Source record: 7502

Here's a link that I found by doing a search on "518khz". Perhaps it
will help. http://www.eej.ulst.ac.uk/~paul2/

2115. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 15:42:02 UTC
From: Adam <adam9a4qv@yahoo.com>
Message-ID: <9rh951$d0eu$1@as201.hinet.hr>
Source record: 7503

Hello again,

Ok, Martin, what I can see, many letters on this question. So if you decide to built this navtex receiver, a few informations from my side. I am using this system for last 10 years because I am a marine radio officer and this is part of my job.
1. consider active antenna system (preamplifier in antenna) or veeeery long antenna.
2. you live in Czech republic (far away from sea) and this navtex station are not so close for 518 khz
3. receiving navtex at sea is easy but ashore another story (qrn)
4. to test equipment you will need evening hours or night
5. there is a list of all navtex station (British Admiralty book volume.5 GMDSS)
6. the transmission is based on schedule for each station, so this is not continous transmission
7. you need a sensitive receiver so from this point of wiev direct conversion is easy to built but out of question for this project

Many things to say about this navtex, so if you stick with this project I will update informations in next few days

Adam

2116. Re: PK-232/PSK Sound Card Interface intro price ends Oct. 31, 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-28 16:50:57 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <AEWC7.52818$6i7.6853575@e420r-atl1.usenetserver.com>
Source record: 7504

Dave,

I don't think you built a version of this circuit, since it goes *inside*
the PK-232 and allows the sound card to be plugged into the back of the
PK-232. It lets ALL the modes of the PK-232 (CW to Pactor) be controlled by
software including PSK-31 from the sound card. This is not an external box
like the Rigblaster or other sound card only units.

In other words, one program (i.e PkTerm) can go between all modes of the
PK-232 and the sound card audio for PSK-31, and just use one physical
connection to the radio from the PK-232 for all the modes. It also uses the
PK-232 for keying the radio so you dont have to build a keying circuit.
Saves you a bunch of wiring and a serial port!

Check out the details at http://www.timewave.com/PK232PSKupg.html

Rick - W4PC
http://www.cssincorp.com/pkterm

"Dave VanHorn" <dvanhorn@cedar.net> wrote in message
news:G_LC7.101644$My2.55411769@news1.mntp1.il.home.com...
>
> "Randall Gawtry" <rgawtry@timewave.com> wrote in message
> news:Xns9146DAE8898E3rgawtrytimewavecom@206.252.237.19...
> > The PK-232/PSK Sound Card Interface Upgrade Kit introductory price offer
> > ends Oct. 31, 2001. The introductory price is $49.95 for orders received
> by
> > Oct. 31, 2001. The price after Oct. 31, 2001 is $69.95.
>
> Dosen't anyone BUILD anymore?
> Mine cost about $10 in RS parts, works fine.
> If you value your time though, $50 isn't bad if all you have to do is plug
> it in.
>
> --
> Dave's Engineering Page: http://www.dvanhorn.org
>
> Got a need to read Bar codes? http://www.barcodechip.com
> Bi-directional read of UPC-A, UPC-E, EAN-8, EAN-13, JAN, and Bookland,
with
> two or five digit supplemental codes, in an 8 pin chip, with NO external
> parts.
>
>
>

2117. PK-232 and KISS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-29 08:45:37 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <jMP7tLAxcR37Ew4q@peaksys.co.uk>
Source record: 7505

Does anyone know when the PK-232 firmware first properly supported KISS?
Would firmware dated Feb 1988 (don't know the version number) support
KISS?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

2118. Re: PK-232 and KISS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-29 10:38:38 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrn9tqcde.i1p.nomail@linux.pe1chl.ampr.org>
Source record: 7506

Roger Barker <roger@peaksys.co.uk> wrote:
>Does anyone know when the PK-232 firmware first properly supported KISS?
>Would firmware dated Feb 1988 (don't know the version number) support
>KISS?

Be careful! Those days there was KISS software for the PK232 with a very
serious bug! When the channel is busy, and the host software is sending
packets (it cannot know the channel is busy...), the PK232 will overwrite
some buffer and from then on, even while the channel is clear, it will only
transmit garbage instead of the transmitted data.
(actually, it will transmit the data but the packet boundaries are
shifted)

This was fixed in the version of the firmware that included the mailbox.
AEA refused to backport the fix into the older firmware, and charged an
upgrade fee for the "new functionality of the MBX" even to users that
only wanted to fix the KISS mode in their PK232.

So, to know if a PK232 properly supports KISS, check if it has the mailbox.
I believe this was added late 1989.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2119. 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-29 23:17:43 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <tqorttsa7k44s9ae2qqlt67156o58q9n5s@4ax.com>
Source record: 7507
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
for PI/2 card. In excellent condition. $275 shipped to lower 48
states.

Also Microwave Modules 10 meter to 222 transverter used with above
items + cables. In excellent condition. Includes extra crystal for
use on 218-219 MHz fixed link band segment. $150 shipped with
purchase of GRAPES modem; will not sell separately until modem is
sold.

Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
or email to ZZZjim_cronin@juno.comZZZ
(remove ZZZ on front and back to reply.)

73,
Jim
N2VNO

2120. Re: 56K packet equipment

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-30 00:17:52 UTC
From: "Mr. Weider" <jweider1@home.com>
Message-ID: <QkmD7.32115$IR4.18555878@news1.denver1.co.home.com>
Source record: 7508
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.swap

I'll give you a six-pack of beer if you would just throw it in the trash
and be done with it! It's worthless Jimmy.

<jim_cronin@juno.com> wrote
> For sale: Paccomm 56K WA4DSY "GRAPES" modem + cable
> for PI/2 card. In excellent condition. $275 shipped to lower 48
> states.
>
> Also Microwave Modules 10 meter to 222 transverter used with above
> items + cables. In excellent condition. Includes extra crystal for
> use on 218-219 MHz fixed link band segment. $150 shipped with
> purchase of GRAPES modem; will not sell separately until modem is
> sold.
>
> Call Jim at 716-381-3102 (evenings before 9 PM) or 716-231-2417 (work)
> or email to jim_cronin@juno.com
>
> 73,
> Jim
> N2VNO

2121. trade

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-30 04:39:30 UTC
From: theplanters95@aol.comnospam
Message-ID: <20011029233930.17131.00000532@mb-fh.aol.com>
Source record: 7509

Trade an old nec 486/33 laptop with a new battery for a psk-20 warbler transciever.

Randy ka4nma
please send email to theplanters95@aol.com

2122. FS: Downeast Microwave 2 mtr Transverter

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-30 11:51:35 UTC
From: dgsprague@earthlink.net
Message-ID: <28e82c3b.0110300351.660a7e4c@posting.google.com>
Source record: 7510

Transverter with 20 watt amplifier. 10 meters in/ 2 meters out. This is a linear device. It will work with most 10 meter IF, and can be used on CW/SSB/FM. Easy hookup. $275. Completely assembled and in one case. Documentation included.

2123. Re: SSB receiver construction (NAVTEX) HELP !!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-30 21:49:56 UTC
From: IJ.McCrum@ulst.ac.uk
Message-ID: <3bdf1d8b.37269368@news.ntlworld.com>
Source record: 7511

Hi, I was Paul Supervisor for his Navtex decoder. He (like you perhaps) concentrated on the software and left the radio bit till the end. I may run another student through it next year.

We had intended to use a TAYLOE mixer and direct conversion with passive audio filters followed by opamps (which would have some active filtering.) You'll get info on Tayloe mixers on the web (and here) You might just make it within 15 parts!

Our idea was to decode the FSK using a PIC and have it generate pure RS232. You can use zero crossings and do all the decoding in software, see the HAMCOMM interface (web)

Here in the UK, or at least here in Northern Ireland, there is considerable interference to 518Khz, there are some loud stations within 5 KHz or so and care is needed to get good reception.

You will have a BIG problem getting good signals where you live, the suggestion for an active antenna is a good one. Actually there might be other Navtex transmitters near you, to the southeast or baltic.

The aerial needs attention as wel mind you. A receiving loop gives directional advantages... no good on a boat of course!

Bythe way there is now a second Navtex transmission on 522 kHz (AFAIK), its weather infomation is more detailed than the shipping forecast on 518.

You can tinker with navtex using any SSB receiver and a HAMCOMM interface and software, this will be a good start, if you can borrow a SSB receiver.

I'lbe happy to answer your emails... provided you release your design into the public domain. mailto: IJ.MCCRUMatULSTdotACdotUK

Ian McCrum, MI5AFL/GI8OLR, University of Ulster

On Sun, 28 Oct 2001 09:10:25 -0500, "Bob Lewis \(AA4PB\)" <rlewis@staffnet.com> wrote:

>Here's a link that I found by doing a search on "518khz". Perhaps it
>will help. http://www.eej.ulst.ac.uk/~paul2/
>
>
>

2124. Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-31 16:54:52 UTC
From: kb9mwr@yahoo.com
Message-ID: <2bb8e619.0110310854.236115b5@posting.google.com>
Source record: 7512

```
----- Forwarded message -----
Date: Mon, 29 Oct 2001 02:53:12 EST
From: ka1eui@w1gmf.#ema.ma.usa.noam
To: aprs@usa
Subject: Explain APRS's Attraction?

Hello. Don't get me wrong, I want to like APRS, I really do. Let me tell
you what I've done so far. I've set up a separate rig, and TNC, I've got
my antenna up high enough where I'm seeing a lot of APRS stations. They
come up on the screen, both mobiles and fixed stations. And that's it. I
know, what did I expect? Don't know really. There just seems to be
absolutely no communications. Even the TNC's aren't really talking all
that much. It's just unconnected packets shouting out their positions.
Maybe I'm missing something. I've got to be, because I understand how
popular APRS is. Is there some messaging or keyboard to keyboard
communication going on in the background?
Please understand, I want to join in the fun, I just need some help!
Thanks
73
Jim KA1EUI
KA1EUI@W1GMF.#EMA.MA.NOAM

73 - Jim, KA1EUI @ W1GMF

Message timed: 08:29 on 2001-Oct-28
Message sent using WinPack V6.70

----- End of forwarded message -----
```

2125. radio link between 2 pcs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-31 18:21:05 UTC
From: tmok@ieee.org
Message-ID: <412a027d.0110311021.f4e3470@posting.google.com>
Source record: 7513

I'm working on a simple radio link between 2 pcs interfacing each one
to a ppi chip on an ISA card slotted in the other.
I use frequency shift keying for modulating bits (fh ,Fl).
1) Do I need other frequencies to send and recieve strope and
acknowledge signals.?
2) How to synchronize clock of the clock of the bit sending rate and
the bit recieving ICs.
3) How can I choose apropriate freqs of modulation (Fh, Fl)

4) Any other tips or link to useful sites would be appreciated
Thanks.

2126. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-31 20:02:57 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10110312002340.8820-100000@exp.bde-arc.ampr.org>
Source record: 7514

On 31 Oct 2001, Steve Lampereur wrote:
>Hello. Don't get me wrong, I want to like APRS, I really do. Let me tell
>you what I've done so far. I've set up a separate rig, and TNC, I've got
>my antenna up high enough where I'm seeing a lot of APRS stations. They
>come up on the screen, both mobiles and fixed stations. And that's it. I
>know, what did I expect? Don't know really. There just seems to be
>absolutely no communications. Even the TNC's aren't really talking all
>that much. It's just unconnected packets shouting out their positions.
>Maybe I'm missing something. I've got to be, because I understand how
>popular APRS is. Is there some messaging or keyboard to keyboard
>communication going on in the background?
>Please understand, I want to join in the fun, I just need some help!

It's about remote telemetry.

Supposedly, there is also a small, one-line message transport system in the protocol as well.

That's about all I know about it. I don't use it.

2127. Re: radio link between 2 pcs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-10-31 21:25:43 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrn9u0r2n.9ja.nomail@linux.pe1chl.ampr.org>
Source record: 7515

tmok <tmok@ieee.org> wrote:
>I'm working on a simple radio link between 2 pcs interfacing each one
>to a ppi chip on an ISA card slotted in the other.
>I use frequency shift keying for modulating bits (fh ,Fl).
>1) Do I need other frequencies to send and recieve strope and
>acknowledge signals.?
>2) How to synchronize clock of the clock of the bit sending rate and
>the bit recieving ICs.
>3) How can I choose apropriate freqs of modulation (Fh, Fl)

>4) Any other tips or link to useful sites would be appreciated
>Thanks.

What is a ppi chip? A parallel port interface chip?

That is not the kind of chip you would normally use for this purpose.
Instead, use a serial port interface chip. That will solve problems
number 1 and 2 for you.

For problem number 3: as a rule of thumb, use freqs whose difference
is about 1/2 to 1 times your bitrate. E.g. for 1200 bps use 1200 and
2200 Hz. Or 1200 and 2400 for a simpler circuit.

For problem number 4, use www.google.com

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2128. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-01 07:00:21 UTC
From: Ian Wade <ian.wade@netro.co.uk>
Message-ID: <RehVU+CFMP47Ewmo@netro.co.uk>
Source record: 7516

In article
<Pine.LNX.4.10.10110312002340.8820-100000@exp.bde-arc.ampr.org>, D.
Stussy <kd6lvw@bde-arc.ampr.org> writes
>On 31 Oct 2001, Steve Lampereur wrote:
>>Hello. Don't get me wrong, I want to like APRS, I really do. Let me tell
>>you what I've done so far. I've set up a separate rig, and TNC, I've got
>>my antenna up high enough where I'm seeing a lot of APRS stations. They
>>come up on the screen, both mobiles and fixed stations. And that's it. I
>>know, what did I expect? Don't know really. There just seems to be
>>absolutely no communications. Even the TNC's aren't really talking all
>>that much. It's just unconnected packets shouting out their positions.
>>Maybe I'm missing something. I've got to be, because I understand how
>>popular APRS is. Is there some messaging or keyboard to keyboard
>>communication going on in the background?
>>Please understand, I want to join in the fun, I just need some help!
>
>It's about remote telemetry.
>
>Supposedly, there is also a small, one-line message transport system in the
>protocol as well.
>
>That's about all I know about it. I don't use it.
>

For starters, take a look at all 118 pages of:

ftp://ftp.tapr.org/aprssig/aprsspec/spec/aprs101/APRS101.pdf

This is the full specification of APRS, including details of position
reporting, position tracking and forecasting, message handling,
general-purpose telemetry, weather station reporting, Internet
tunneling, direction finding, storm warnings, display objects, text
bulletins.

That's what APRS is about.

--
73
Ian, G3NRW
g3nrw@tapr.org

2129. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-01 15:11:36 UTC
From: clonemaster <clonemaster@netzero.net>
Message-ID: <9rrojh$n8r$1@news.wrc.xerox.com>
Source record: 7517

APRS isn't made for chatting. Try PSK31 for that. The fun in APRS is watching the space shuttle orbit the globe, watching a balloon attempt an around the world trip, watching sailboats around the caribbean, marathons, weather stations, road rallies, truckers, etc. If you just want to see maps and locations you can do that over the 'net with just a computer. For more fun take your APRS setup mobile and let everyone else see you as you travel.

"Steve Lampereur" <kb9mwr@yahoo.com> wrote in message news:2bb8e619.0110310854.236115b5@posting.google.com...
> ----- Forwarded message -----
> Date: Mon, 29 Oct 2001 02:53:12 EST
> From: ka1eui@w1gmf.#ema.ma.usa.noam
> To: aprs@usa
> Subject: Explain APRS's Attraction?
>
> Hello. Don't get me wrong, I want to like APRS, I really do. Let me tell
> you what I've done so far. I've set up a separate rig, and TNC, I've got
> my antenna up high enough where I'm seeing a lot of APRS stations. They
> come up on the screen, both mobiles and fixed stations. And that's it. I
> know, what did I expect? Don't know really. There just seems to be
> absolutely no communications. Even the TNC's aren't really talking all
> that much. It's just unconnected packets shouting out their positions.
> Maybe I'm missing something. I've got to be, because I understand how
> popular APRS is. Is there some messaging or keyboard to keyboard
> communication going on in the background?
> Please understand, I want to join in the fun, I just need some help!
> Thanks
> 73
> Jim KA1EUI
> KA1EUI@W1GMF.#EMA.MA.NOAM
>
> 73 - Jim, KA1EUI @ W1GMF
>
> Message timed: 08:29 on 2001-Oct-28
> Message sent using WinPack V6.70
>
> ----- End of forwarded message -----

2130. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-02 04:21:56 UTC
From: "Dana H. Myers" <dana@dioxine.com>
Message-ID: <3BE21F60.4020906@dioxine.com>
Source record: 7518

Actually, APRS for chatting is kinda cool, I've done it several times
with a TM-D700 while mobile and it was remarkably good.

clonemaster wrote:

> APRS isn't made for chatting. Try PSK31 for that. The fun in APRS is
> watching the space shuttle orbit the globe, watching a balloon attempt an
> around the world trip, watching sailboats around the caribbean, marathons,
> weather stations, road rallies, truckers, etc. If you just want to see maps
> and locations you can do that over the 'net with just a computer. For more
> fun take your APRS setup mobile and let everyone else see you as you travel.

Dana K6JQ
dana@dioxine.com

2131. Q maximum bit rate?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-02 21:56:11 UTC
From: roland63@passagen.se
Message-ID: <a61212c5.0111021356.36030eb0@posting.google.com>
Source record: 7519

Hi,

I have a question. What is the theoretical maximum bitrate I can
achieve using GMSK modulation on a 12.5kHz VHF channel?

Thanks in advance,
Roland

roland63@passagen.se

2132. Re: Q maximum bit rate?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-03 00:33:41 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <9rve0g$r1j$1@slb3.atl.mindspring.net>
Source record: 7520

Can't really answer that unless you first decide... What are your proposed values for "M" and Signal to Noise Ratio?

"Roland Larsson" <roland63@passagen.se> wrote in message news:a61212c5.0111021356.36030eb0@posting.google.com...
> Hi,
>
> I have a question. What is the theoretical maximum bitrate I can
> achieve using GMSK modulation on a 12.5kHz VHF channel?
>
> Thanks in advance,
> Roland
>
> roland63@passagen.se

2133. Gould Biomation K100-D logic analyser stuff needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-03 03:58:09 UTC
From: Mark Rehorst <rehorstmark@netscape.net>
Message-ID: <opq6utgc098cb6orid7qf5ni7mhkn04lga@4ax.com>
Source record: 7521

I just picked up an apparently working K100-D logic analyzer without
any manuals/pods/wires. Does anyone have any of these they would be
willing to sell/trade? A copy of a manual would be fine.

Thanks,

MR

2134. Capital FM - Jingle

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-03 14:27:40 UTC
From: muenchen23 <muenchen23@talknet.de>
Message-ID: <VhSE7.6214$t04.637331601@news.tli.de>
Source record: 7522
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.amateur

Hi there,

does anyone know where I can download jingles from 95,8 Capital FM's radio station? Would be great if you could quickly let me know at muenchen23@talknet.de

Many thanks !!!

2135. Re: Capital FM - Jingle

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-03 16:01:14 UTC
From: Simon <mail@simonfoy.com>
Message-ID: <CyUE7.6077$CI3.1498679@news6-win.server.ntlworld.com>
Source record: 7523
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.amateur

"muenchen23" <muenchen23@talknet.de> wrote in message
news:VhSE7.6214$t04.637331601@news.tli.de...
> Hi there,
>
> does anyone know where I can download jingles from 95,8 Capital FM's radio
> station? Would be great if you could quickly let me know at
> muenchen23@talknet.de
>
> Many thanks !!!
Try www.audiogalaxy.com

I have one or two if you want me to send them to you.

Kindest regards

Simon

2136. AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-05 00:55:49 UTC
From: Steve <esteve@hctc.com>
Message-ID: <tubsa1bdb0kt26@corp.supernews.com>
Source record: 7524
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I picked up a box of Ham radio gear at a estate sale (old friend), felt sorry for the widow, you know.

I'm not a Ham but thinking about it some since I was a kid.

Anyway what I got was a AEA CP-1 set up for a Commodore 64 and a Heathkit HD3006 Crossfire Scope.

Now I know technology has advanced and the Commodore has been replaced with PCs..

Do I have anything here worth messing around with if I just want to DX CW and RTTY. I did a Google on the CP-1 and no one has discussed it since 1997. It seems to use it with a PC, I have to do so some wiring tricks with the RS232 cable coming out of the CP-1 and I need some software.

Does anyone have any recommendation on public domain software and the wiring changes for the RS232 cable.

Or should I just salvage the cables and start thinking about Pactor (someday).

Thanks

Steve

2137. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-05 12:48:44 UTC
From: Steve <esteve@hctc.com>
Message-ID: <tud62ui0cn608a@corp.supernews.com>
Source record: 7526
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Thanks Ralph, I have the manual and the schematic for the CP-1 and you are correct about the optional RS-232 port on the CP-1. The it takes a couple common chips and the connector to bring the unit up to RS-232 capability. I could easily do that upgrade if I find this old unit worth while at all.

I guess I'm an "ole sucker" for obsolete technology. I hate to throw it away. I'm almost tempted to dig up an old Commadore 64 just so I can play with it. At least I have the software cartriges for that computer. (Just kidding.)

If anyone knows of a DOS or Windows shareware (freeware) that is still available for this equipment I would appreciate it.

Thanks

Steve

2138. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-05 13:12:40 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BE69048.3345D208@dialpoint.net>
Source record: 7525
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

The cp-1 was just a demodulator unit. The output was just a simple
conversion of the audio tones to whatever the Commodore used or some
versions had a rs-232 connector that could be plugged into a computer
serial port and would put out a + and - voltage as the tones changed
from mark to space. If you have the serial port installed in the cp-1
then you may be in good shape. All you need to do is find some old
softwear to use it. It may take a long time to find any as most of it
was written for old DOS computers. If the cp-1 does not have the serial
interface for the IBM/MSDOS type computers it may be some problem to
make it work unless you can find a schematic of the cp-1 and install the
parts .

YOu may be beter off going here:

http://www.muenster.de/%7Ewelp/sb.htm

and looking at some of the sound card programs. The one called
something like mmtty is very good for rtty.

Steve wrote:
>
> I picked up a box of Ham radio gear at a estate sale (old friend), felt
> sorry for the widow, you know.
>
> I'm not a Ham but thinking about it some since I was a kid.
>
> Anyway what I got was a AEA CP-1 set up for a Commodore 64 and a Heathkit
> HD3006 Crossfire Scope.
>
> Now I know technology has advanced and the Commodore has been replaced with
> PCs..
>
> Do I have anything here worth messing around with if I just want to DX CW
> and RTTY. I did a Google on the CP-1 and no one has discussed it since 1997.
> It seems to use it with a PC, I have to do so some wiring tricks with the
> RS232 cable coming out of the CP-1 and I need some software.
>
> Does anyone have any recommendation on public domain software and the wiring
> changes for the RS232 cable.
>
> Or should I just salvage the cables and start thinking about Pactor
> (someday).
>
> Thanks

>
> Steve

2139. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-05 20:43:08 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BE6F9DC.BE3A7264@dialpoint.net>
Source record: 7527
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

You may look here for some sharewear disks.

http://www2.ari.net/ajr/rtty/wwwhome.html

Also see my direct email to you.

Steve wrote:
>
> Thanks Ralph, I have the manual and the schematic for the CP-1 and you are
> correct about the optional RS-232 port on the CP-1. The it takes a couple
> common chips and the connector to bring the unit up to RS-232 capability. I
> could easily do that upgrade if I find this old unit worth while at all.
>
> I guess I'm an "ole sucker" for obsolete technology. I hate to throw it
> away. I'm almost tempted to dig up an old Commadore 64 just so I can play
> with it. At least I have the software cartriges for that computer. (Just
> kidding.)
>
> If anyone knows of a DOS or Windows shareware (freeware) that is still
> available for this equipment I would appreciate it.
>
> Thanks
>
> Steve

2140. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-05 20:45:22 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10111052044120.94-100000@exp.bde-arc.ampr.org>
Source record: 7528
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I think that your first problem is that you need to get an amateur radio
license before you hook the thing up to a radio.

On Sun, 4 Nov 2001, Steve wrote:
>I picked up a box of Ham radio gear at a estate sale (old friend), felt
>sorry for the widow, you know.
>
>I'm not a Ham but thinking about it some since I was a kid.
>
>Anyway what I got was a AEA CP-1 set up for a Commodore 64 and a Heathkit
>HD3006 Crossfire Scope.
>
>Now I know technology has advanced and the Commodore has been replaced with
>PCs..
>
>Do I have anything here worth messing around with if I just want to DX CW
>and RTTY. I did a Google on the CP-1 and no one has discussed it since 1997.
>It seems to use it with a PC, I have to do so some wiring tricks with the
>RS232 cable coming out of the CP-1 and I need some software.
>
>Does anyone have any recommendation on public domain software and the wiring
>changes for the RS232 cable.
>
>Or should I just salvage the cables and start thinking about Pactor
>(someday).

2141. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-06 19:36:42 UTC
From: Jan Ditzian <ditzian@alltel.net>
Message-ID: <1103_1005075402@Jan>
Source record: 7529
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Sun, 4 Nov 2001 16:55:49 -0800, "Steve" <esteve@hctc.com> wrote:
> I picked up a box of Ham radio gear at a estate sale (old friend), felt
> sorry for the widow, you know.
>
> I'm not a Ham but thinking about it some since I was a kid.
>
> Anyway what I got was a AEA CP-1 set up for a Commodore 64 and a Heathkit
> HD3006 Crossfire Scope.
>
> Now I know technology has advanced and the Commodore has been replaced with
> PCs..
>
> Do I have anything here worth messing around with if I just want to DX CW
> and RTTY. I did a Google on the CP-1 and no one has discussed it since 1997.
> It seems to use it with a PC, I have to do so some wiring tricks with the
> RS232 cable coming out of the CP-1 and I need some software.
>
> Does anyone have any recommendation on public domain software and the wiring
> changes for the RS232 cable.
>
> Or should I just salvage the cables and start thinking about Pactor
> (someday).
>
> Thanks
>
> Steve
>
>
Steve,

First, you do not need an amateur radio license to hook anything up to a radio, but you need one to transmit. Go ahead an listen all you want. Second, if you are talking about software to run an old TU, you should think twice about whether you simply want to see the old box run, or whether you want to copy RTTY and/or PSK31, and/or other modes. For the first two, if you have a PC with a sound card, free software is all you need.

Try here for Zakanaka (PSK and RTTY, using the MMTTY engine) and also Logger:

http://www.qsl.net/kc4elo/main.htm

Or here for MMTTY (RTTY) and also MMSSTV:

http://www.qsl.net/mmhamsoft/

Everything you find at these web sites (Logger included) is free, meaning you CANNOT pay any money. Once you have the PC, and tones coming out of a radio speaker, your cost to listen is the cost of a pair of wires from the audio output of your radio to the mic or line input of the sound card.

It seems to me that if you want to use the CP-1 for the sake of nostalgia, you should leave it unmodified and find a Commodore into which to plug it.

Your next step should be to drop by Radio Shack and pick up a copy of "Now You're Talking," and we'll see you on the air soon.

73,
Jan, KX2A

2142. Re: WinPack - Dual TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-07 13:22:36 UTC
From: Kingklip <kingklip@hotmail.com>
Message-ID: <9sbcj3$1ro$1@newnews.mikom.csir.co.za>
Source record: 7533
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc

"Kingklip" <kingklip@hotmail.com> wrote in message
news:9saf37kp1@newnews.mikom.csir.co.za...
> I have been using Winpack for a long time now and it is great. I have been
> trying to use WinPack lately with two TNC's simultaneously with now
success.
> Any suggestions please?
>
> 73's
> Johan ZR6ANF
> email: jlehmann@csir.co.za
> packet: zr6anf@zs0dld.pta.gau.zaf.af
>
>
>

2143. WinPack and Dual TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-07 13:23:33 UTC
From: Kingklip <kingklip@hotmail.com>
Message-ID: <9sbcks$1rp$1@newnews.mikom.csir.co.za>
Source record: 7534

I have been using Winpack for a long time now and it is great. I have been trying to use WinPack lately with two TNC's simultaneously with now success. Any suggestions please?

73's
Johan ZR6ANF
email: jlehmann@csir.co.za
packet: zr6anf@zs0dld.pta.gau.zaf.af

2144. Maplin TU1000

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-07 22:36:06 UTC
From: "ton-bridge.freeserve.co.uk" <pnairne@ton-bridge.freeserve.co.uk>
Message-ID: <9scd0f$i45$1@newsg2.svr.pol.co.uk>
Source record: 7530

Is there anyone out there who uses a Maplin TU1000 Terminal unit for RTTY tx and Rx?
If so, which software do you use, and what mods have you made - PTT line for instance.
I used to use the TU for monitoring RTTY when I was working in the Middle East and found it to be very sensitive, but I now have a licence and would like to use it to get on the air.
Any help or advice most welcome.

thanks
Patrick Nairne
M0 AFZ

2145. New Antennas / misc.For Sale Huge LOTS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-09 04:15:23 UTC
From: wiseguy991@aol.com
Message-ID: <20011108231523.24546.00002115@mb-cj.aol.com>
Source record: 7531

All products except where noted are new and must be sold ASAP.
Make a reasonable offer on one or all items
(58)ï¿½ Low band antenna base/spring 19C307172P1
(2) Swivel base and spring 19C307172P2ï¿½ï¿½ï¿½
(25) GE Personal Radio Mount Kits 149328g1
(21)ï¿½ Vehicular Chargers 19B801507P4
(30) Microphone 19D900141g light tan color Fits S550 Controlï¿½ï¿½ head
Antenna Specialists -
(26) ASPA1655 Mobile Conversion Antenna 406-420Mhz
(2) AP-3540 Mobile Antenna 35-40Mhz
(10) ASP-446 Mobile Antenna 1/2 wave 130-174Mhzï¿½
Decibal Products
(13) DB705-G11 Mobile Antenna 406-420Mhz
Motorola Products
(50) Microphones NMN6156Bï¿½ (used but excellent condition)
(50) Microphones NMN6082Aï¿½ (used but excellent condition)
www.emf-electronics.com
sales@emf-electronics.com

2146. Guide to the rec.radio Newsgroups

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-09 06:16:29 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <9sfsbtpnk1@news.hawaii.edu>
Source record: 7532
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.digital.misc

Archive-name: radio/personal-intro

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet mailing list counterparts and complements. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to Jeffrey Herman, KH6O, jeffreyh@hawaii.edu, or Paul Schleck, K3FU, pschleck@novia.net.

This message was last changed on 14 March, 1998.

History
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Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became progressively higher. First one by one, and then as part of two reorganizations, what was once one group became many. In the process, developments elsewhere on the net were reflected in the groups as they were created, most notably the change to place all of the ham radio groups in one hierarchy.

The collection of newsgroups continues to grow as more people join the net, and as more topics of discussion gain volume, I expect to see more groups be created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the notable exception being rec.radio.swap. There are also a few mailing lists that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them, and not to the groups that aren't. The whole idea of having different newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any amateur radio-related message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information

posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec.radio.info-moderator@primenet.com. Inquires and other adminis- trivia should be directed to rec.radio.info-request@primenet.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups r.r.amateur.antenna, .boatanchors, .dx, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, the older tube based amateur, military, and commercial gear, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is NOT the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter. The .dx group is devoted to long distance amateur communications. Each of these subgroups has its own charter and FAQ; please refer to the archives to find these documents.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists
==========

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas. PLEASE BE SURE TO SAVE THE WELCOME MESSAGE YOU RECEIVE AFTER SUBSCRIBING -- IT WILL CONTAIN IMPORTANT INFO REGARDING UNSUBSCRIBING!

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send an email to cq-contesting-request@contesting.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

The QRP-L list is devoted to building and operating gear at low-power outputs. To subscribe, send an email to listproc@lehigh.edu and only write: subscribe qrp-l Your Name.

The TopBand e-list is devoted to all areas of operation on 160m. To subscribe, send an email to majordomo@contesting.com and only write: subscribe topband and follow the instructions you'll be sent. This site, contesting.com, also hosts a couple dozen other ham-related e-lists. Use the above address, and only write: lists to get the entire index.

The Boatanchors e-list is devoted to the older tube-based ham, military, and commercial communications gear. To subscribe, send an email to: listserv@listserv.tempe.gov and only write: subscribe boatanchors

For homebuilding transmitters and receivers using tube technology, there is the Glowbugs e-list; send an email to: majordomo@piobaire.mines.uidaho.edu and only write: subscribe glowbugs <your@address.here>

The VHF DX discussion list can be accessed by sending an email to: majordomo@blacksheep.org and only writing: subscribe VHF-DX-discuss.

We now have a list devoted to amateur radio history. To subscribe, send an email to: ham-radio-history-subscribe@egroups.com - leave the body of the message blank.

Qth.net hosts over 100 ham-related e-lists, including lists devoted to each state, manufacturer, mode, band - too many to state here. Send an email to majordomo@qth.net and only write: lists to get the complete index.

For one of the most complete indexes of email lists, see the excellent web site http://pw2.netcom.com/~ac6v/pageae.html

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jeffrey Herman, KH6O

--
Telecommunication Specialist Mathematics Lecturer
U.S. Coast Guard University of Hawaii System
jherman @ d14.uscg.mil jeffreyh @ hawaii.edu

2147. Re: WinPack and Dual TNC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-09 13:29:18 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <QQ13KVAuo967EwWl@peaksys.co.uk>
Source record: 7535

In article <9sbcks$1rp$1@newnews.mikom.csir.co.za>, Kingklip
<kingklip@hotmail.com> writes
>I have been using Winpack for a long time now and it is great. I have been
>trying to use WinPack lately with two TNC's simultaneously with now success.
>Any suggestions please?

See my reply to the message you posted in alt.ham-radio.packet

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2148. Re: AEA CP-1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-10 02:36:07 UTC
From: Rob <Pse@NoEmail.Com>
Message-ID: <Ao0H7.2794$qb4.19594@tor-nn1.netcom.ca>
Source record: 7536
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

For information on the CP-1, see
http://www.angelfire.com/fl3/technicothica/cp1.html

It is a great site dedicated to the CP-1 and CP-100. Lots of great mods and
links for software!

Yes, with some FREEWARE, you can even use your CP-1 for PACTOR!!

Rob

"Steve" <esteve@hctc.com> wrote in message
news:tubsa1bdb0kt26@corp.supernews.com...
> I picked up a box of Ham radio gear at a estate sale (old friend), felt
> sorry for the widow, you know.
>
> I'm not a Ham but thinking about it some since I was a kid.
>
> Anyway what I got was a AEA CP-1 set up for a Commodore 64 and a Heathkit
> HD3006 Crossfire Scope.
>
> Now I know technology has advanced and the Commodore has been replaced
with
> PCs..
>
> Do I have anything here worth messing around with if I just want to DX CW
> and RTTY. I did a Google on the CP-1 and no one has discussed it since
1997.
> It seems to use it with a PC, I have to do so some wiring tricks with the
> RS232 cable coming out of the CP-1 and I need some software.
>
> Does anyone have any recommendation on public domain software and the
wiring
> changes for the RS232 cable.
>
> Or should I just salvage the cables and start thinking about Pactor
> (someday).
>
> Thanks
>
> Steve
>
>

2149. Don't Panic !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-10 09:57:17 UTC
From: Martin John Hallsworth <Martin@g1gyc.demon.co.uk>
Message-ID: <1005386486.15175.0.nnrp-01.9e98acde@news.demon.co.uk>
Source record: 7537
Cross-posted to: alt.ham-radio.vhf-uhf,alt.radio.amateur,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,uk.radio.amateur

Hello,

I am in need of some help.....
I have an SMC 2520 Band 3 radio and I am looking to convert it.
Has any one done this with one before ?
if so what did you do and on to which band ?
Also has any one got a manual / circuit details and or an
address for Argyle communications whom I believe had some thing
to do with the design / programming of the rig..

Ta.
Martin

2150. Mac Computers with Ham Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-10 11:25:49 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-5BB232.06271210112001@news.ne.mediaone.net>
Source record: 7538
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc

Macnet is the WWW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

To join Macnet, send YOUR STATS to mailto:wd1v@amsat.org

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

* Macnet Member Listing -
http://wdonev.ne.mediaone.net/homepage/Macnet2001.html

* Macnet Software Listing -
http://wdonev.ne.mediaone.net/homepage/Page7.html

* Macnet Software Collection
ftp://ftp.qsl.net/pub/wd1v/

* Macnet Software Collection CD
ppd. for $10.00 (costs are for media, postage, & handling)
check or money order to:

John Seney, WD1V
144 Pepperidge Dr.
Manchester, NH 03103 USA

2151. ACARS Log Analyser for Windows - advanced notification of price increase

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-10 12:39:08 UTC
From: mark.avey@virgin.net
Message-ID: <21fc4b52.0111100439.7906bba3@posting.google.com>
Source record: 7539

Hi all,

This email is to advise all users of an imminent price increase for
ACARS Log Analyser for Windows.

We have maintained the low price of ï¿½17.50 for a number of months now,
but due to the time required to maintain and improve the program, it
is necessary to revert to the original price of ï¿½29.99.

The current offer price of ï¿½17.50 will expire after the 21st November,
2001, so if you register at this price, please do so before the 21st.

The price increase will allow us to continue development of the
program and continue to add the numerous user requests that we have
received.

Current planned features are:

* DDE support from all existing decoders
* WACARS support
* Route plotting

Thanks to everyone who has so far registered and rest assured that
your support will ensure the continued development of the program.

Thanks,

Mark Avey

http://www.acarsonline.co.uk

2152. Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-11 20:22:42 UTC
From: nn <lurex.zdne@nomail.com>
Message-ID: <tutngint11421f@corp.supernews.com>
Source record: 7540
Cross-posted to: uk.radio.amateur,uk.rec.audio,rec.radio.broadcasting,rec.radio.amateur.digital.misc,alt.radio.uk

What are the difference between digital
broadcasts (DAB) in different countries?

And consequently: Should a radio from country A
work fine in country B?

Example:

VideoLogic sells an 'UK' model DRX-601E/ES
for _a lot_ cheaper than their 'European'
model DRX-602ES.

The UK version of the radio band III (whatever that is)
and in many countries DAB broadcasts seem to
come in band III.

So, if the country to which you'd take the UK
radio broadcasts in band III, shouldn't this UK
model work fine there, too? (As for example
in Finland and Sweden -- but NOT in France,
where they have this other frequency area.)

-Sure, some accented characters might not
show in the lcd-display of the UK-version set,
but the sound should be ok, as long as both
countries use this band III, no??

Or what do you think? Are there other things to
consider before mail-ordering a DAB-radio from
another country?

Please, do comment if you know anything!
I am sorry if this get to a newsgroup that does
not deal solely in these matters, but it seems
very difficult to get any response let alone solid
information anywhere.

Thanks for your time!

NeN / JCE

2153. Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-12 01:06:36 UTC
From: nn <lurex.zdne@nomail.com>
Message-ID: <9sn7bvgbc1@news.koti.tpo.fi>
Source record: 7541

What are the difference between digital
broadcasts (DAB) in different countries?

And consequently: Should a radio from country A
work fine in country B?

Example:

VideoLogic sells an 'UK' model DRX-601E/ES
for _a lot_ cheaper than their 'European'
model DRX-602ES.

The UK version of the radio band III (whatever that is)
and in many countries DAB broadcasts seem to
come in band III.

So, if the country to which you'd take the UK
radio broadcasts in band III, shouldn't this UK
model work fine there, too? (As for example
in Finland and Sweden -- but NOT in France,
where they have this other frequency area.)

-Sure, some accented characters might not
show in the lcd-display of the UK-version set,
but the sound should be ok, as long as both
countries use this band III, no??

Or what do you think? Are there other things to
consider before mail-ordering a DAB-radio from
another country?

Please, do comment if you know anything!
I am sorry if this get to a newsgroup that does
not deal solely in these matters, but it seems
very difficult to get any response let alone solid
information anywhere.

Thanks for your time!

NeN / JCL

2154. Re: Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-12 08:47:34 UTC
From: Kristoff Bonne <kristoff.bonne@compaqnet.nospam.be>
Message-ID: <6b2os9.1i1.ln@frigg.belbone.net>
Source record: 7542
Cross-posted to: rec.radio.amateur.digital.misc,alt.radio.digital

Greetings,

Crossposted to "rec.radio.amateur.digital.misc" and "alt.radio.digital"
Followup-to set to "alt.radio.digital"

nn <lurex.zdne@nomail.com> wrote:
> What are the difference between digital
> broadcasts (DAB) in different countries?
None. The only difference are the frequencies being used.

According the ETSI-proposal, DAB can be used in 4 bands: Band I
(TV channels 2 to 4), band II (current FM-band), band III (VHF) and
L-band (1.4 Ghz).

IFAIK, band I nor band II are is use anywhere (there where some tests
using a upper part of current FM-band in Poland, but they where stopped
as it proved they interferred to much with FM-broadcasters in
neighbouring areas).

Some countries only used band III (like the UK, Belgium, ...), other
only band L (like France) while other use both (like Germany, which
seams to do it 'by the book': national/regional content in band III, and
local content in band L).

> And consequently: Should a radio from country A
> work fine in country B?
> Example:
> VideoLogic sells an 'UK' model DRX-601E/ES
> for _a lot_ cheaper than their 'European'
> model DRX-602ES.
> The UK version of the radio band III (whatever that is)
> and in many countries DAB broadcasts seem to
> come in band III.
I propose you wait a little bit.

First, with the handing out of 9 DAB-licences for Paris by the end of
this year (with some additional licences expect when the CEPT assign new
frequency-space in the L-band for terrestial DAB); one can assume new
(and cheaper) radios are on their way overthere too within the next
half-year timespan).

In the end, it will be cheaper to produce a single model -that can do
both band III and band L- then to have 'national' versions.

> Or what do you think? Are there other things to
> consider before mail-ordering a DAB-radio from

> another country?

Well, I ordered my digital sat-receiver via mailorder in Germany; as they are a lot cheaper overthere then here in Belgium.

The only issue I can think of, is what to do when the radio doesn't work; but
1/ In general, I do not concider this a real issue for things that do not have a lot of 'buttons' (like a FTA sat-receiver or a DAB-radio); but I WOULD consider this an issue when buying a complete PC).

2/ There is supposed to be a special service by the EU which can intervene in a conflict between an (ordinary) customer and a shop in another EU country, and also in-case of the mail-order purchase.

Cheerio! Kr. Bonne.

2155. linking Minidisc rec to TS-570 ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-12 09:02:18 UTC
From: j.p.bowes@stir.ac.uk
Message-ID: <db9ce348.0111120102.1190784b@posting.google.com>
Source record: 7543

Hi all,

I wonder if any of you 570 owners have linked a minidisc
player/recorder to aid in giving audio reports back ??? I have tried
to attach it to the ACC2 port by using pins 3 & 4 for output to the MD
(which works fine) and 11 & 12 for input from the MD. Now it's the
output from the MD that seems to be the problem. Not really sure how
to make it work. Any ideas ? Will the ACC2 take audio input or is it
just for fsk type stuff ?

Thanks for any help

Jonathan

2156. iptables and axip

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 05:27:38 UTC
From: jcamp2@home.com
Message-ID: <eb2I7.115947$kf1.36010524@news1.rdc1.ne.home.com>
Source record: 7544

Does anyone have any idea how to pass an axip link through a linux iptables firewall? I have eth0 on the outside with a registered ip address and am using SNAT and DNAT to masquerade traffic to the inside network via eth1. Everything works fine except the axip links.

Any suggestions would be greatly appreciated. Please post your response here or send it to jcamp2@home.com or N0WJP@N0WJP.#ENE.NE.USA.NOAM.

73,
Jeff
N0WJP

2157. ARNewsline 1265 - Nov 9 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 09:23:41 UTC
From: radionews@aol.com
Message-ID: <20011113042341.23572.00002830@mb-fw.aol.com>
Source record: 7545

AMATEUR RADIO NEWSLINE(tm) REPORT #1265 – NOV. 9, 2001

Amateur Radio Newsline report number 1265 with a release date of Friday, November 9th, 2001 to follow in 5-4-3-2-1.

The following is a Q-S-T.

Ham radio leads the way at the New York City Marathon. This story is first on Amateur Radio Newsline report number 1265 coming your way right now.

(Billboard Cart Here)

**

HAM RADIO AND SPORTS: - THE NEW YORK CITY MARATHON

Ham radio was once again at the start and finish -- and all along the route of this years 32nd running of the New York City Marathon. This years event was held Sunday November 4th and was dedicated to victims of September 11th terrorist attacks. Its theme -- “United We Run.”

The starting line was at the Staten Island Side of the Verrazano Narrows Bridge. According to Stew Seit, WA2JNF, who was assigned there, it was a moment of total patriotism:

--

WA2JNF: “On the bridge waiting for the cannon to go off, everyone began singing patriotic songs. It would brng a tear to your eye. There were 30,000 people singing. It was something to be seen.”
--

But Seit and almost 500 other hams were there to provide communications for the event. And according to WA2JNF, even though there were lots of cellular phones, it was ham radio that was the communications backbone once again:

--
WA2JNF: “Everyone was running around with digital radios, Nextel’s, cellular phones. But when the need came to get the message through they turned to us hams. Regardless of how many cell-phones or trunked radios they have tied around their necks, when the message was of priority nature, and they wanted to make sure it got through, they spoke to one of the hams who was handling the communications and we got the message through”
--

The crowd lining the route was estimated at more than two million. Many were waving small American flags in memory of the thousands killed in the terrorist attacks.

ARRL Hudson Division Vice Director Steve Mendelsohn, W2ML, heads up the the ham radio communications for the Marathon. In fact, he has been organizing the ham radio effort ever since Amateur Radio became a part of the event many years ago. He says that for him, for the group of Amateur Radio volunteer communicators and for the people of the Big Apple, this years New York City Marathon was like none ever before:

--
W2ML: ”It was truly a celebration of life. It was a way of saying to the terrorists: ‘look -- we are going on with our lives. You didn’t stop us. On the contrary, you united us.’ “
--

Tesfaye Jifar of Ethiopia set a record in winning the mens catagory. He ran the 26.2 mile course in 2 hours, 7 minutes, 43 seconds. The old record of 2 hours, 8 minutes and 1 second was set in 1989. And as Jifar broke the record it was a corps of ham radio operators that guided him -- and the 30,000 other competitors in the New York City Marathon -- to a safe completion of this years run.

More on the Marathon is on the web at www.nyrrc.org. Our complete interview with Steve Mendelsohn W2ML can be downloaded from our FTP page by clicking on the newscast number at the top of the www.arnewsline.org home page. (ARNewsline(tm))

**

RADIO AND SPORTS: THE SANTA CLARITA MARATHON

Sunday November 4th also saw another Marathon where ham radio played an important role. This one took place in Amateur Radio Newslines’s own back yard. It was the Santa Clarita 5 K Marathon and featured ham radio as it primary communications. Take a listen:

--
Audio Here
--

About three dozen hams from the Los Angeles County Disaster Communications Service and the Santa Clarita Valley Amateur Radio Club provided this years communications support. Most of it was on two meter F-M using the 146.79 MHz W6JW club repeater.

--
Audio here
--

The Santa Clarita Marathon may take place in a Los Angeles suburb, but it is by no means a small event. Several thousand runners take part and its course is USA Track and Field certified. In fact, this event is a qualifying race for the famed Boston Marathon.

More information on the event is at www.scmarathon.org. The Santa Clarita Amateur Radio club’s home in cyberspace is www.w6jw.org. (ARNewsline(tm))

**

TECHNOLOGY AND RADIO RULES: FCC PUTS KENWOOD "SKY COMMAND" PETITION ON PUBLIC NOTICE

Turning to regulatory matters, the FCC has put a rulemaking petition from Kenwood Communications Corporation requesting that the government relax restrictions on Amateur Radio auxiliary station operation on public notice. Amateur Radio Newsline’s Bruce Tennant K6PZW has the details:

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The FCC assigned the rulemaking number RM-10313 to the petition in which Kenwood asks the government to permit hams to use control methods like its own Sky Command radio remote system.

According to the ARRL Letter, Kenwood’s Sky Command lets a user control a fixed location High Frequency station using a pair of dual-band VHf/UHF transceivers on frequencies in the 70-cm and 2 meter bands. Kenwood wants a change in Part 97 rules that would expand permission to operate an auxiliary station on all 2-meter frequencies above 144.5 Mhz, except on 145.8 to 146.0 MHz.

And while not mentioning Sky Command by name, Kenwood says that the proposed rule change would allow the development and use by amateurs of new technology devices and increase the utility of the limited amateur allocations. Current FCC rules limit auxiliary operation to certain frequencies above 222.15 MHz.

In July 2000, the FCC declared that use of the Sky Command did not comply with Amateur Service rules--specifically Section 97.201(b). It also declined to grant a waiver make it legal. The ARRL commented in opposition to Kenwood's earlier efforts to have the system eclared to be in compliance, and it refused to permit Sky Command advertisements to be published in its QST magazine.

In its Petition for Rule Making, Kenwood asserts that auxiliary operation is poorly defined and significantly overregulated in the FCC rules. Kenwood also argues that present limitations on auxiliary operation no longer are appropriate in today's amateur environment and should be withdrawn.

For the Amateur Radio Newsline, I’m Bruce Tennant, K6PZW.

--

Again, the Commission has assigned the rulemaking number RM-10313 to the petition from Kenwood. Those interested may view and comment on it via the FCC's Electronic Comment Filing System. (ARRL)

**

BREAK 1

This is ham radio news coming to you from the United States of America. We are the Amateur Radio Newsline, heard on bulletin stations around the world, including the New Orleans VHF Amateur Radio Club Net on the W5MCC 146.85 repeater serving my home town -- New Orleans, Louisiana.

(5 sec pause here)

**

TECHNOLOGY AND RADIO RULES: DIGITAL WIRELINE REMOTE BASE OPERATION BEING TRIED IN THE UK

A British ham radio operator has been granted permission to experiment with a digital wireline multi-band remote-base system. The experimental station was made possible by combining a popular H-F transceiver, the support of the national ham radio society and a cooperative government regulatory agency. Jeramy Boot, G4NJH, reports from Nottingham in the U-K:

--

Dave Gould, G3UEG, has received a Notice of Variation as a Special Research Permit to set up an HF station that is remotely controlled over the telephone network. This has come after 16 months effort liaising with the RSGB Licensing Advisory Committee and the Radiocommunications Agency and has been finally approved after a site inspection. The system is based on a Kachina 505DSP transceiver and Kachina's own specially-designed remote control system. The audio is digitised and then multiplexed with the control signals. The resulting single data stream is encoded and then passed over the telephone network using standard modems. At the remote end the data is decoded and the audio is split from the control signals and passed to the transceiver. The system will operate at a line speed of 28K or better and includes strong security, failsafe and shut-down measures.

Jeramy Boot, G4NJH
--

While we in North America take wireline and radio remote-base operations for granted its new to many other parts of the world. Anyone interested in receiving further information or with ideas to assist Dave Gould, G3UEG, may contact him by e-mail at david.gould@btinternet.com (RSGB)

**

ATTACK ON AMERICA: COMANDO SOLO DOES NOT WANT RECEPTION REPORTS NOW

If you are an SWL or ham who listens to shortwave -- and -- if you are planning to send a confirmation card to Radio Solo, the word right now is -- dont! This as the United States forces 193rd Special Operations Wing asks that reception reports and cassette tapes of its Commando Solo flying radio station broadcasts over Afghanistan not mailed to them at this time.

According to the Media Network e-newsletter there are two reasons. Obviously, they are involved in operations over a theater of war and need to lessen their peripheral workload. Also, due to the Anthrax scare in the United States, the U.S. mail system is overloaded with new safety procedures. In other words, your report may be indefinitely delayed or never opened. (Media Network E-Newsletter)

**

ATTACK ON AMERICA: NYC TELEVISION SEEKS NEW HOME

Seven weeks after a terrorist attack caused the collapse of the World Trade Center, hundreds of thousands of homes in the New York City area remain unable to receive more than four television stations. Because the main antennas atop the north tower came down, all the local stations, except Channels 2 and 41, which had backup antennas on the Empire State Building, had lost a significant part of their audiences. The situation improved last week when two more of the stations that lost their main transmitters began broadcasting from the Empire State Building site. Amateur Radio Newsline's Henry Feinberg has more:

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On Thursday morninng, October 31st, Tribune-owned WPIX-TV channel 11 switched on a transmitter giving it an over-the-air signal said to be similar to what it was prior to the terrorist attacks. WNBC-TV channel 4 -- which in the late 1940's was the first to broadcast from the Empire site -- made a triumphant return later the same day when it flipped the switch on its new Empire located transmitter.

As an interim step to get back on the air, most local broadcasters had opted to use the old Armstrong Tower located in Alpine New Jersey. But the Alpine tower is not high enough and is to far away from the majority of the New York City demographic audience to provide clear reception throughout the metropolitan region.

The Empire State Building was the home to almost all New York City television broadcasters before the World Trade Center was built. Many broadcasters want to return to it but the New York Times says that Empire has to little space and not enough electrical power to accommodate the demands of all the stations. So a coalition of 11 broadcasters in and around New York are exploring options that include sharing management of a broadcast tower built to their specifications and needs.

The Times says that the long-term situation may be the construction of an enormous stand-alone broadcast tower. One that is perhaps 2,000 feet high and preferably be somewhere near the World Trade Center twin towers site.

But broadcasters will face a large number of issues if they persue the stand alone tower idea. Chief among them are the wants and desires of the residents of New York City. Many of them have made it clear that the area where the twin towers once stood be rebuilt a both a new trade center and also as a lasting monument to those who died in the terrorist attacks of September 11th, 2001.

Not far from the Armostrong Tower in Alpine New Jersey, I'm Henry Feinberg, K2SSQ, reporting for the Amateur Radio Newsline.

--

Aside from the political issues mentioned in Henry's report there will be numerous other technical roadblocks. First is that of protecting the Philadelphia and Boston demographic television markets from interference. And if such a project is approved by the city at a different location, the Federal Aviation Administration will likely demand that it be built where it will avoid established flight patterns for local airports. And there are not very many of those in and around the metro New York City area. (ARNewsline(tm) from various published news reports.)

**

ATTACK ON AMERICA: VERTEX STANDARD / YAESU DONATES GEAR

According to a recent story in the ARRL Letter, Vertex Standard, which manufacturers Yaesu brand gear, has donated several pieces of equipment to Virginia ARES. The manufacturer had arranged to loan an FT-7100 transceiver and three of it's VX-5 hand-held's during the response to assist the Salvation Army at the Pentagon terrorist attack site. When the work concluded, Virginia Section Emergency Coordinator Tom Gregory, N4NW, e-mailed to thank the company and to inquire about returning the equipment. Vertex Standard Executive Vice President Mikio Maruya, WA6F told him that Virginia ARES was welcome to keep it on hand for future emergencies. The Woodbridge, Virginia, Ham Radio Outlet store cooperated in providing the Virginia ARES team with the needed equipment on September 13th. (ARRL)

**

REPEATER COORDINATION NEWS: NFCB AND NFCC ELECTION RESULTS

The National Frequency Coordination Council -- or NFCC -- has elected Nels Harvey, WA9JOB as its new President. Harvey replaces Owen Wormser, K6LEW. Wormser had served as Chairman of the original drafting group that resulted in creation of the NFCC back in mid 1990's and as several terms as President.

Also elected to office are Dave Baughn, K4XI as NFCC Vice President, Dick Isely, W9GIG as Secretary and Clay Freinwald, K7CR as the organizations Treasurer. Meantime, Clay Freinwald, K7CR, and Nels Harvey, WA9JOB, have also been elected for two year terms on the National Frequency Coordinators' Board of Directors. Both ran unopposed. (ARNewsline(tm))

**

REPEATER COORDINATION NEWS: SERA DROPS UNKNOWN CATEGORY

The South Eastern Repeater Association says that it has dropped use of the term 'unknown' for listing repeaters that it has little or no information on. According to the organizations publication Repeater Journal, the listing of about 150 repeaters as 'unknown' was intended to prod their owners to file delinquent updates or help clear the groups records of repeaters that are no longer on the air.

It did neither, but it did cause confusion for ham radio enforcement efforts. This occurred earlier this year when FCC Special Counsel Riley Hollingsworth cited the South Eastern Repeater Association's Unknown Repeater List as grounds for dismissing a complaint against an uncoordinated West Virginia repeater that had been accused of interfering with a coordinated system in Kentucky. The coordination counsel's FCC Liaison is reportedly working with Hollingsworth's office to clear up the confusion. (SERA Repeater Journal)

**

HANDI-HAMS: WINTER RADIO CAMP IN MALIBU IN MARCH 2002

The next Handiham Radio Camp session will take place the first week of March, 2002, at Camp Joan Mier in Malibu, California. That camp will be offering classes in Technician, General, Extra, Operating Skills, and JAWS computing.

There is no tuition charge for West Coast or D-X members aside from the $45 registration and insurance fee. If you want to receive a camp application packet, please e-mail handiham@courage.org or call 1-866-426-3442 -- days -- Central Standard Time. The most current camp information is available on the Handiham website located in cyberspace at www.mtn.org/handiham. (Handihams)

**

INTERNATIONAL – BAHAMAS: FEES GOING UP

The annual fee for those holding a Bahamian Amateur Radio license has increased to $25. According to the ARRL news, The new fee applies for licenses renewed after August 1. The cost to "catch up" on past renewal fees prior to 2002 is $6 per year. Some US amateurs with Bahamian tickets were surprised to get letters requesting the back renewal fees and threatening fines and revocation. According to Dick Long, C6AKE, the Bahamian Public Utilities Commission--which handles licensing there--collects $6 a year for the years your license has been expired--this has always been its policy, he says. If you don't plan to use your license anytime soon, Long advises returning it to the P-U-C or sending a letter stating that you won't be using it again. "If, at some future time, you want to return to the Bahamas, you can always apply for a new license," he added. The P-U-C e-mail address is puc@batelnet.bs. (ARRL)

**

INTERNATIONAL - BELGIUM: A BLESSED EVENT

Hams in Belgium are getting to take part in a truly blessed event. This, as John Devoldere ON4UN who is the President of the Belgian national Amateur Radio society announces that nations radio amateurs can use the special prefix OQ instead of their usual ON or OT prefixes.

According to Devoldere, Belgian telecom authorities issued this special prefix on the occasion of the birth of Princess Elisabeth. The permission to use the OQ prefix began on October 26th, runs until December 31st. (RSGB)

**

INTERNATIONAL - NEW ZEALAND: THE NATIONS HAM-STATS

The New Zealand Ministry of Economic Development reports that as of November 1st that nation has 3,295 General Class license holders, 1717 Limited license class, 24 Limited Novice and 25 Novice class operators. These hams share 205 voice repeaters, 19 television repeaters, 29 digipeters, and 42 beacon operations. Mix in two fixed licenses and the grand total is 5358 licenses issued. (NZART)

**

BREAK 2

From the United States of America, we are the Amateur Radio Newsline, with links to the world from our only official website - www.arnewsline.org.

(5 sec pause here)

**
HAM RADIO IN SPACE: ISS TALKS TO NEW YORK CITY SCHOOL

Ten elementary school students from New York City had some very specific questions about current events for International Space Station Commander Frank Culbertson. To the question, "What did it look like in New York on September 11," Culbertson responded that he could see the smoke rising from the World Trade Center site and drifting south.

--
Culbertson: “On September 11th we happened to be coming over a few hours after the attack and I could see a large column of smoke coming out of the World Trade Center and floating off to the South and a kind of a fog of smoke all over the Southern part of the city.”
--

Culbertson went on to explain that he took pictures of the tragedy from space. He further related that he found out about the event while talking to his doctor during a scheduled medical conference.

Another youngster wanted to know, "What does Afghanistan look like from space?" Culbertson answered that it appeared to be very desolate and rugged.

The questions could be expected. The children are students at P.S. 234, with its regular campus only two blocks from the site of the World Trade Center.

On September 11, all 650 students at the school and their teachers evacuated their building without a single casualty. The school community has stayed together despite the turmoil, and is now housed in temporary quarters elsewhere in Manhattan. Culbertson told the students that he admired them for their courage, and told them to continue to study.

--
Culbertson: “ I want you to know that the whole world is very proud of you. Its to bad that you had to move from school to school, but we are very proud that you are continuing to work and take your education seriously. Things will be alright. Don’t worry.”
--

The students asked a total of twenty questions during the ten-minute contact. Some thirty teachers and parents and reporters were also on hand as were reporters from the New York Post and New York Daily News newspapers.

The ham radio contact was made through the Amateur Radio on the International Space Station project, an international coalition and was carried live by MSNBC on its website. Former NBC science editor and Newsline anchorman Roy Neal, K6DUE, moderated the event. Communication was handled through W6SRJ, a club station at Santa Rosa Community College in California, with Herb Sullivan at the controls.

P.S. 234 has its own website. Its in cyberspace at www.ps234.org/about.html (ARISS via K5YFL)

**

HAM RADIO IN SPACE: AMSAT-OSCAR 40 UPDATE

AMSAT's Peter Guezlow, DB2OS, reports magnetorquing of the OSCAR 40 ham radio satellite is again in progress. Guezlow also says that operational periods for the RUDAK system have been extended recently. This, to allow downloading of several important RUDAK G-P-S files.

AO-40 is currently in a long period during which the Earth eclipses the sun near the satellite's perigee. This actually began about August 28th, and will rapidly increase in length. The eclipses will continue well into June 2002. (AMSAT-NA)

**

SPACE AND SCIENCE: A LOT OF BIRDS UP THERE

SpaceDaily reports a new survey by the Teal Group has identified some 600 active satellites in Earth orbit or in deep space. The survey factored in all satellites launched since 1980, and, after a process of elimination, arrived at an estimate of 600 to 610 for satellites that remain active today. (AMSAT-NA)

**

DX

In D-X, you may recall that shortly after the September 11th terrorist attacks on New York City and the Pentagon, the government of Kuwait permitted its ham radio operators to the call sign 9K2USA. Now Bob Furzer, 9K2ZZ, reports a very positive response to the use of 9K2USA.

9K2USA was used by all Kuwaiti hams through September 30th as a token of the sympathy and support for the people of the United States from the citizens of Kuwait. It was also meant to be a statement of deep condolence.

Furzer now tells the Ohio Penn D-X Newsletter that the Kuwait Amateur Radio Society wants to thank all of those radio amateurs who e-mailed their support of the use of this special call. 9K2ZZ also says that the design of an official commemorative 9K2USA Q-S-L card has been finalized and is now posted on the website at www.k4cy.com. (OPDX)

From the U-K comes word of a new microwave D-X record. At least a new record for that nation. On Sunday October 21st the UK distance record for the 47 GHz band was raised from 163 to 203 kilometres. This happened when G7MRF and G0HNW, from Cambret Hill in grid I-O-74 had a two-way CW contact with G0IVA in gridsquare I-O-73 in North Wales. This distance comfortably exceeds the former record of 161 kilometres set in September 1999 by the same group. Reports of RST 519 and 419 were exchanged. (RSGB)

**

THAT FINAL ITEM: A MESSAGE TO REPEATER OWNERS FROM THE FCC

And finally this week, a word about repeater communications responsibility. It comes from the FCC's chief ham radio rules enforcer Riley Hollingsworth, and was included in a recent RAIN Enforcement Log Question and Answer session. If you own and operate a repeater, the next few minutes will be very important to you:

--

First of all, no licensee is required by the [FCC] rules to set up a repeater. When you do so, you do have certain responsibilities.

First, assuming that you have applied for and received coordination from your local repeater coordinating body -- if there is one -- and in a lot of areas there are not and in which case you would skip that step. As long as you are not interfering with a coordinated repeater, everything is all-right.

Once you start a repeater, you have to keep a few things in mind. First of all, if it is using your call sign -- it is your station -- and you are responsible for it. You do have a few alternatives as far as controlling it, but essentially it is your station and your responsibility.

The rule that states that you are not responsible for inadvertent transmissions I am afraid is often misunderstood. It only applies to inadvertent transmissions. [These are] transmissions that you let through on the repeater -- and I think it was designed for [modes like] packet anyway that you let through on the repeater before you realized what was happening.

Now, rules violations that occur by your users on a day-in and day-out basis or rule violations that go on for several hours are your responsibility as well as that of the users that are committing the violations. No dictionary in the world would define those types of situations as "inadvertent," and I am afraid that a lot of people just do not understand that.

If you put a repeater on [the air] you are responsible for its proper operation. Now, if you can't do that, or you do not have the time or the inclination [to properly control it], then your choice is to shut if off and to do something else. This is very important in these times because Amateurs are being listened to more than ever before.

Everyone seems to be buying scanners and short-wave radios. Very often a repeater is new person's first exposure to Amateur Radio -- and a potential recruit -- I might add. And, very often, it is the news media's first exposure to Amateur Radio.

If your repeater is an embarrassment to Amateur Radio, then you should shut it down and seriously examine your motives for wanting a repeater. You will be held responsible for regularly occurring rules violations, as well as the people committing the violations.

I would hope that more and more Amateurs would understand this. I think that the rule that you are not responsible for inadvertent transmissions has been misinterpreted by a number of people.

--

What Hollingsworth really seems to be saying is that your repeater is kind of like your house and your surrounding property. Yes, you have responsibility to make your home secure for you and your family. You also have a responsibility to keep it and its surroundings neat and clean so that your neighbors will also enjoy the view. (FCC, RAIN)

**

NEWSCAST CLOSE

With thanks to Alan Labs, Amateur News Weekly, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB and Australia's Q-News, that's all from the Amateur Radio Newsline(tm). Our e-mail address
is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at
Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Don Wilbanks, KC5MFA, saying God Bless America, 73, and we thank you for listening."
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2158. Macnet URL Correction

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 10:14:01 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-3F5BFA.05152513112001@news.ne.mediaone.net>
Source record: 7546
Cross-posted to: rec.radio.amateur,rec.radio.amateur.digital.misc,rec.radio.amateur.packet

Macnet is the WWW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

To join Macnet, send YOUR STATS to mailto:wd1v@amsat.org

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

* Macnet Member Listing -
ftp://ftp.qsl.net/pub/wd1v/Macnet2001.html

* Macnet Software Listing -
http://www.qsl.net/wd1v/Page7.html

* Macnet Software Collection
ftp://ftp.qsl.net/pub/wd1v/1Logs.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/2DX+Contest.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/3RemoteCtrl.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/4FAX+FM.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/5Packet.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/6TCPIP.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/7Morse+TestHelpers.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/8SatsGPS.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/9MacPgming.sea.hqx

73,

John WD1V

2159. Kenwood TS-50 New In box $550

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 15:20:33 UTC
From: n2pzk@aol.com
Message-ID: <20011113102033.21717.00002723@mb-mr.aol.com>
Source record: 7547

Brand new Kenwood TS-50 never opened. With manufacturers warranty
$550 Firm + S/H
N2PZK@aol.com

2160. MT63

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 16:42:37 UTC
From: Dave Kratzer <ic@epix.net>
Message-ID: <14cI7.18298$KD2.6770990@news1.epix.net>
Source record: 7548

ANYONE TRY THIS YET AND WHAT FREQ. IS USED? CAN'T SEEM TO FIND ANY ACTIVITY
FOR THIS NEW MODE.

DAVE
W3RY

2161. Re: MT63

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-13 19:49:26 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <CjkiO5AGlX87Ewnh@btinternet.com>
Source record: 7549

In message <14cI7.18298$KD2.6770990@news1.epix.net>, Dave Kratzer
<ic@epix.net> writes
>ANYONE TRY THIS YET AND WHAT FREQ. IS USED? CAN'T SEEM TO FIND ANY ACTIVITY
>FOR THIS NEW MODE.
>
>DAVE
> W3RY
>
>
>
Hi Dave,

Haven't heard any MT63 over here in Europe for months, it was quite popular for a while. I used it for regular rag-chews on 80 & 30 metres but I think that the unfriendly bandwidth made it unpopular. There was also an issue over in the States regarding band plans, most of the US stations were operating around the upper band edge on 20 metres due to them not being allowed such a "wide" mode in the data modes part of the band, not sure if that issue was resolve?

It's a resilient mode, but I find MFSK16 just as good and a bit easier on bandwidth.

Hope this helps,
--
Roger Basford
(G3VKM)

2162. Re: MT63

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-14 00:50:12 UTC
From: Richard Ferch <ve3iay@storm.ca>
Message-ID: <9ssf4aeop1@news.storm.ca>
Source record: 7550

"Dave Kratzer" <ic@epix.net> wrote in message
news:14cI7.18298$KD2.6770990@news1.epix.net...
> ANYONE TRY THIS YET AND WHAT FREQ. IS USED? CAN'T SEEM TO FIND ANY
ACTIVITY
> FOR THIS NEW MODE.
>
> DAVE
> W3RY
>
>
>

Dave,

There isn't a lot of MT63 activity, but I have made several QSOs on 14109.5 kHz. and one on 18105 kHz. Some other frequencies I have seen mentioned are 3635, 10145, 21130 and 28130 kHz. IIRC, these are all USB except for 80m, and they are dial (suppressed carrier) frequencies, so the actual signal on 20m would be from 14110 to 14111 kHz. If you're interested in contacting others who have been trying this mode, you might consider joining the MT63 reflector at http://groups.yahoo.com.

73,
Rich VE3IAY

2163. New Radiofax schedule for New Orleans

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-15 17:04:15 UTC
From: "Timothy.Rulon" <Timothy.Rulon@noaa.gov>
Message-ID: <3BF3F58F.2B64DDE0@noaa.gov>
Source record: 7601
Cross-posted to: rec.boats.cruising,rec.radio.shortwave,rec.radio.amateur.digital.misc,rec.boats.electronics

On December 04, 2001 at 1800z a change to the New Orleans radiofax
broadcast schedule is planned. This revised schedule
restores the U.S. surface analysis, adds more products to the popular 0z
and 12z broadcast periods and adds a test message
to aid users in tuning their receivers. See the Preliminary Broadcast
Schedule for New Orleans at:
http://www.nws.noaa.gov/om/marine/radiofax.htm

timothy.rulon@noaa.gov

2164. WTB: PacComm Upgrade for Pactor Controller.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-16 21:09:39 UTC
From: Mike Pupeza <mpupeza@sympatico.ca>
Message-ID: <B81AEAC3.EC3A%mpupeza@sympatico.ca>
Source record: 7602
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.swap,rec.radio.amateur.homebrew,alt.ham-radio.packet

WTB: PacComm Packet TNC adapter for Pactor TNC!
I have a PacComm Pactor Controller (SCS PTC-1 design, made by PacComm) which
appears to be pre-wired for an upgrade kit to allow regular Packet Radio to
be used by pushing a front panel switch. The front panel has holes for
additional LEDs and the button is already installed. Inside there appears to
be a long header strip of pins where this ï¿½upgrade kitï¿½ could be plugged in.
Anyone have this unit available?
Please drop me a line if you have any info!
Thanks and 73,
Mike VE3EQP.....>

2165. Zakanaka

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-17 16:50:00 UTC
From: Simo <simo@juo.nu>
Message-ID: <HxwJ7.4915$3h.83398@uutiset.nic.fi>
Source record: 7603

Is it possible to define what soundcard i want to use with Zakanaka?
Like it is in MMTTY (device ID)

Tnx

2166. Question - Alinco DR-135 TNC EJ-41U

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-17 19:16:26 UTC
From: Carl and Linda <carlinda@swbell.net>
Message-ID: <elyJ7.2000$Pv6.480516131@newssvr30.news.prodigy.com>
Source record: 7604

Need your help. I need to change the position symbol (like a car or truck) on this Alinco TNC. Have done this successfully from the setup box for the Tigertronics TM-1 and from the setup box for the TinyTrack. Also, I have successfully made changes on the "LT" line when setting up a digi to make it show a star, etc.

This Alinco DR-135 has a small, limited command set, EJ-41U TNC built in. Wants to use it as a tracker, and I have set it up for that. As a tracker, it is working fine. The LTEXT line loads okay based on info from the GPS, and nav info is plotted correctly on our APRS-SA maps. Currently it shows in the position list in the APRS-SA software as an ambulance symbol (accidentally changed it from a red dot to an ambulance, don't know what I did). Need to know how to change the symbol? Can't determine where to introduce the command into the command set. To my knowledge, this little built-in TNC does not have a "setup" box like the others. I have set everything by working in the command set directly, like setting up a digi.

73,
Carl Sherman W5SBH

2167. Re: Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-18 18:36:29 UTC
From: Pete <nobody@nowhere.net>
Message-ID: <tvfvtdqnuacdf4@corp.supernews.com>
Source record: 7605
Cross-posted to: uk.radio.amateur,uk.rec.audio,rec.radio.broadcasting,rec.radio.amateur.digital.misc,alt.radio.uk

From what I believe, France use 'L' band (1.5 GHz) for DAB, whereas the rest of Europe use Band III. L band is going to be
available in the UK in some years from now (maybe 5?). I believe the European model (DRX-602ES) covers both L Band & Band
III, whereas the UK version just does Band III, which explains why it's cheaper.

A UK model should work in countries where they are using Band III for DAB & I'd doubt that you'd have any problems with
character recognition on the display, as like RDS the spec incorporates the whole ASCII character set.

nn <lurex.zdne@nomail.com> wrote in message news:tutngint11421f@corp.supernews.com...
> What are the difference between digital
> broadcasts (DAB) in different countries?
>
> And consequently: Should a radio from country A
> work fine in country B?
>
> Example:
>
> VideoLogic sells an 'UK' model DRX-601E/ES
> for _a lot_ cheaper than their 'European'
> model DRX-602ES.
>
> The UK version of the radio band III (whatever that is)
> and in many countries DAB broadcasts seem to
> come in band III.
>
> So, if the country to which you'd take the UK
> radio broadcasts in band III, shouldn't this UK
> model work fine there, too? (As for example
> in Finland and Sweden -- but NOT in France,
> where they have this other frequency area.)
>
> -Sure, some accented characters might not
> show in the lcd-display of the UK-version set,
> but the sound should be ok, as long as both
> countries use this band III, no??
>
> Or what do you think? Are there other things to
> consider before mail-ordering a DAB-radio from
> another country?
>
> Please, do comment if you know anything!

> I am sorry if this get to a newsgroup that does
> not deal solely in these matters, but it seems
> very difficult to get any response let alone solid
> information anywhere.
>
> Thanks for your time!
>
>
> NeN / JCE
>
>
>
>

2168. FS: GE Master II UHF repeater

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-19 13:29:58 UTC
From: ckg@osu.edu
Message-ID: <3bf90816.1468536664@nntp.service.ohio-state.edu>
Source record: 7606
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.boatanchors,osu.club.amateur-radio

Comb# SC55YAS88B
Ser# 0214064-C

GE Duplexer# 19C307166-P1, Mod# DE4075

100.0, 114.8, 136.5,146.2, 156.7, 131.8, ???.?? PL Modules

Racomm automatic morse ID controller

Works fine...very clean. Bought for packet use, but found a better
unit.

Located in Columbus, Ohio...$300.00 firm.

Email if interested.

Thank you.

Christopher K. Greenhalgh, N8WCT
AX.25: n8wct@w8cqk.#cmh.oh.usa.noam

"It's just about going fast...that's all...
http://home.columbus.rr.com/n8wct"

2169. Re: Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-20 00:31:30 UTC
From: Kristoff Bonne <kristoff.bonne@compaqnet.nospam.be>
Message-ID: <tvj932envifqa2@corp.supernews.com>
Source record: 7607
Cross-posted to: uk.radio.amateur,uk.rec.audio,rec.radio.broadcasting,rec.radio.amateur.digital.misc,alt.radio.uk,alt.radio.digital

Greetings,

Pete <nobody@nowhere.net> wrote:
> From what I believe, France use 'L' band (1.5 GHz) for DAB, whereas the
> rest of Europe use Band III. ...
Well, there are other countries that also use L-band. Germany uses both
band III and L-band.

If you do it 'by the book' (that is, the original proposals) band III is
meant to be used for longer distances (like a nation-wide SFN or a
'regional' network operator); and L-band for 'local' muxes. (As L-band
doesn't really carry that far as band III-signals).

That was the basic idea; but -as every country has its own frequency-
plan- this can be implemented differently if the local need merrits its.

Anycase, if (say) the DAB-operators off London would have used L-band, a
lot of the listeners who are now on the fringe of the network coverage
area and use directional antenna's whouldn't have been able to receive
them.

> ... L band is going to be
> available in the UK in some years from now (maybe 5?). I believe the
> European model (DRX-602ES) covers both L Band & Band
> III, whereas the UK version just does Band III, which explains why it's
> cheaper.
I don't know the real technical differences between the the two models
and I don't think this is yet the case in these models but -in time-
having a single model that covers the complete worldwide market for DAB
will mean that a dual-band model should be cheaper then a single-band
model. (just as is the case for 900Mhz/1800Mhz GSM phones).

A single model DAB-receiver will probably be just a dual-model receiver
with (somewhere) an extra diode that disables reception on either band
(or even just a hidden software-feature in the firmware of the box).
They are usually just an excuse to ask some extra euros for the
dual-band model.

Cheerio! Kr. Bonne.

2170. Re: Help: Should a UK-bought DAB-radio work abroad?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-20 00:32:04 UTC
From: Jim Lesurf <jcgl@st-and.demon.co.uk>
Message-ID: <tvj944j5h0gmc1@corp.supernews.com>
Source record: 7608
Cross-posted to: uk.radio.amateur,uk.rec.audio,rec.radio.broadcasting,rec.radio.amateur.digital.misc,alt.radio.uk

In article <tvfvtdqnuacdf4@corp.supernews.com>, Pete <nobody@nowhere.net>
wrote:

> A UK model should work in countries where they are using Band III for
> DAB & I'd doubt that you'd have any problems with character recognition
> on the display, as like RDS the spec incorporates the whole ASCII
> character set.

IIRC the ASCII set is only 7-bit and omits many characters used in Europe.

Slainte,

Jim

--
Electronics http://www.st-and.ac.uk/~www_pa/Scots_Guide/intro/electron.htm
Armstrong Audio http://www.st-and.demon.co.uk/Audio/armstrong.html
Barbirolli Soc. http://www.st-and.demon.co.uk/JBSoc/JBSoc.html
TechWriter http://www.st-and.demon.co.uk/TechWrite/Tips1.html
Compo http://www.st-and.demon.co.uk/Compo/clues.html

2171. Ft-847 and RIGblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-20 12:55:54 UTC
From: paul flautt <pflautt@netpluscom.com>
Message-ID: <3BFA52DA.C7585448@netpluscom.com>
Source record: 7609

I just bought the RIGblaster plus unit and I'm using it with FT-847.
Would like to hear from any user's of this set up.Any pro's or con's?
Thanks
Paul KB8CMW

2172. digipan not finding sound card....

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-20 17:57:16 UTC
From: Jeff Pierce <piercejhsd009@earthlink.net>
Message-ID: <3BFA99B7.67552490@earthlink.net>
Source record: 7610

I have been running digipn here on this system ok for a while. Then I
had to blow away the disk and completely reload Windows 98, etc. Now,
digipan 1.6d starts with an error complaining that either another task
has the sound card, or one is not installed.
Well, there is definitely one installed and no other tasks are running
except Explorer and systray.
All other apps that use sound work, MMSSTv(slow scan), netmeeting,
games, etc work ok, but Digipan does not recognize the sound card.
As stated, it worked before I rebuilt the hard drive....

Sound system is Via southbridge 82C686B AC97.

What the hell is the matter? If Digipan was open source I could debug
myself. But, since it is not, I am totally reliant on the original
developers to find out the problem.

Oh, it works perfectly on my HP laptop.

--
Jeff, wd4nmq
piercejhsd009@earthlink.net

2173. PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 06:33:18 UTC
From: DJ <kb5ylg@attglobal.net>
Message-ID: <3bfb4d50_2@news1.prserv.net>
Source record: 7611
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

I obviously have something set wrong on my PK-232MBX. I get garbage when trying to receive morse, rtty and amtor with it. It works fine on VHF packet.

I set the HF rig on LSB, turn off all filtering, listen for the signal, start copying but just get trash.

Any tips for this beginner in HF digital modes?

David KB5YLG

2174. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:18:03 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BFBB79B.6EC47181@dialpoint.net>
Source record: 7612
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

On the low bands the apparant frequency changes as you tune in the signal. Not that this is stating anything you did not know. YOu are probably just not getting the thing tuned in to the correct frequency. YOu are only allowed a very narrow window for rtty. You have to set the frequency to less than about 25 to 50 hz. Afterall you only have 170 hz from the mark to the space tone. When doing VHF you do not have to deal with this tuning problem.

YOu may want to go here and download some programs that work with the sound card in the computer.

http://www.muenster.de/%7Ewelp/sb.htm

Then as you learn how to tune in the signals (most of the sound card programs tune in by visual means on the screen) you will get a feel for the sound of the digital signals.

While many modes seem to work really well, don't expect the morse code to work too well unless you are receiving a signal sent by machine or computer. The computers just don't seem to be able to handle the hand sent code very well .

YOu may want to try for the W1AW RTTY signals. They are normally received using lsb, 170 hz shift, 60 wpm baudot for the first part of the message.

DJ wrote:
>
> I obviously have something set wrong on my PK-232MBX. I get garbage when
> trying to receive morse, rtty and amtor with it. It works fine on VHF
> packet.
>
> I set the HF rig on LSB, turn off all filtering, listen for the signal,
> start copying but just get trash.
>
> Any tips for this beginner in HF digital modes?
>
> David KB5YLG

2175. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:25:13 UTC
From: DJ <kb5ylg@attglobal.net>
Message-ID: <3bfbbbeb_4@news1.prserv.net>
Source record: 7613
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

Thanks very much. I think I have been using 45wpm baudot to try to copy the rtty, which is default. Is 60wpm more common?

david

"Ralph Mowery" <rmowery@dialpoint.net> wrote in message news:3BFBB79B.6EC47181@dialpoint.net...
> On the low bands the apparant frequency changes as you tune in the
> signal. Not that this is stating anything you did not know. YOu are
> probably just not getting the thing tuned in to the correct frequency.
> YOu are only allowed a very narrow window for rtty. You have to set the
> frequency to less than about 25 to 50 hz. Afterall you only have 170 hz
> from the mark to the space tone. When doing VHF you do not have to deal
> with this tuning problem.
>
> YOu may want to go here and download some programs that work with the
> sound card in the computer.
>
> http://www.muenster.de/%7Ewelp/sb.htm
>
> Then as you learn how to tune in the signals (most of the sound card
> programs tune in by visual means on the screen) you will get a feel for
> the sound of the digital signals.
>
> While many modes seem to work really well, don't expect the morse code
> to work too well unless you are receiving a signal sent by machine or
> computer. The computers just don't seem to be able to handle the hand
> sent code very well .
>
> YOu may want to try for the W1AW RTTY signals. They are normally
> received using lsb, 170 hz shift, 60 wpm baudot for the first part of
> the message.
>
>
> DJ wrote:
> >
> > I obviously have something set wrong on my PK-232MBX. I get garbage
when
> > trying to receive morse, rtty and amtor with it. It works fine on VHF
> > packet.
> >
> > I set the HF rig on LSB, turn off all filtering, listen for the signal,
> > start copying but just get trash.
> >

> > Any tips for this beginner in HF digital modes?
> >
> > David KB5YLG

2176. Linux info needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:26:43 UTC
From: scatterman <scatterman@worldnet.att.net>
Message-ID: <DQOK7.199369$W8.7477674@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7614

Can someone tell me what NG is linux amateur related? I cant seem to
search it out in my NG list....TNX

--
Any fool can screw up! But only root can wreck everything!

2177. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:41:13 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3BFBBD09.C867A759@crosslink.net>
Source record: 7615
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

Ralph Mowery wrote:
>
> ... computers just don't seem to be able to handle the hand
> sent code very well .

So you reply "sorry, bad fist om" ... ;o)

Cheers
KA3DWW

2178. Re: Linux info needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:45:43 UTC
From: DJ <kb5ylg@attglobal.net>
Message-ID: <3bfbc0b8_1@news1.prserv.net>
Source record: 7616

alt.os.linux
comp.os.linux.answers

There are others....

"scatterman" <scatterman@worldnet.att.net> wrote in message
news:DQOK7.199369$W8.7477674@bgtnsc04-news.ops.worldnet.att.net...
> Can someone tell me what NG is linux amateur related? I cant seem to
> search it out in my NG list....TNX
>
> --
> Any fool can screw up! But only root can wreck everything!
>

2179. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 14:58:10 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BFBC102.A43BAAB4@dialpoint.net>
Source record: 7617
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

YOu may be confusing the baud rate and wpm. The normal ham rtty is 60 wpm or it could be stated at 45 baud. I think it is more like 45.45 or something like that . There is a slight differance in the socalled 60 wpm stuff where some is sent with only one stop bit and some is sent with 1.5 stop bits. This is not usually a problem for receiving as the converters should handle this slight differance in timming. Also some may be using 200 hz shift instead of the normal 170 hz shift. Also for receive it probably does not mater all that much but you should have it set for 1.5 stop bits (could use 1 for receive if the 1.5 is not an option and 2 for transmitt) no parity.

DJ wrote:
>
> Thanks very much. I think I have been using 45wpm baudot to try to copy the
> rtty, which is default. Is 60wpm more common?
>
> d

2180. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 17:04:30 UTC
From: Andy Scott <andy@andelscott.co.uk>
Message-ID: <ywBvrGEe69+7EABQ@scotta.demon.co.uk>
Source record: 7618
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

In article <3bfb4d50_2@news1.prserv.net>, DJ <kb5ylg@attglobal.net>
writes
>I obviously have something set wrong on my PK-232MBX. I get garbage when
>trying to receive morse, rtty and amtor with it. It works fine on VHF
>packet.
>
>I set the HF rig on LSB, turn off all filtering, listen for the signal,
>start copying but just get trash.
>
>Any tips for this beginner in HF digital modes?
>
David -

PACKET:
There is a PK232 command VHF ON|OFF - which sets the packet tones
OFF - sets a 200Hz narrow shift for HF operation

RTTY:
WIDESHIFT ON|OFF does a similar thing for RTTY. The default is 'OFF' -
suitable for most HF, but worth checking that this is the setting in
use.

RBAUD x - sets the baud rate and defaults to 45 baud but the command
RBAUD UP|DOWN will move up or down to the next preset speed. In my
firmware version, speeds were 45, 50, 57, 75, 100, 110, 150, 200, 300
baud. (45 baud = 60 wpm according to the manual)

RXREV T - will toggle the tones as if the distant station was using the
other sideband. Useful to check that RXREV and TXREV are both OFF to
avoid confusion.

Hope this helps
--
Andy Scott

2181. Mechananical TV ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-21 21:49:13 UTC
From: John <fltsatcom@hotmail.com>
Message-ID: <3bfc2152_1@news.iprimus.com.au>
Source record: 7619

Having recently downloaded IZ8BLY's program (see above / machan.zip) it
has me intrigued as to what can be done with it .
Has anyone used this program ?

2182. Re: Mechananical TV ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 00:57:13 UTC
From: ebruchac@aol.comabc
Message-ID: <20011121195713.27456.00001091@mb-fl.aol.com>
Source record: 7622

What's the url for his site??

Remove the,"abc" to email.

2183. Re: Linux info needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 02:54:06 UTC
From: hdr@gro.gulas
Message-ID: <3bfc61c2.73339176@news.chcksw1.al.home.com>
Source record: 7623

On Wed, 21 Nov 2001 08:45:43 -0600, "DJ" <kb5ylg@attglobal.net> wrote:
[rearranged to correct top-posting]

>"scatterman" <scatterman@worldnet.att.net> wrote in message
>news:DQOK7.199369$W8.7477674@bgtnsc04-news.ops.worldnet.att.net...
>
>> Can someone tell me what NG is linux amateur related? I cant seem to
>> search it out in my NG list....TNX
>
>alt.os.linux
>comp.os.linux.answers
>
>There are others....

As far as I can tell, there's not a group specifically geared toward Linux and amateur radio. There are several that might be able to help with specific questions, though.

For issues related to a specific distribution, alt.os.linux.* might be a good place to start. The regulars in alt.os.linux.slackware are particularly knowledgeable. If you use Red Hat, though, you won't find a Red Hat-specific group in a.o.l.* (at least not on my news server). Red Hat's distro-specific group is comp.os.linux.redhat.

comp.os.linux.networking fields the occasional query about AX.25, and lots about TCP/IP (though mostly in the context of wired Ethernet or 802.11b wireless networking). There aren't too many threads that discuss amateur radio topics in great depth, but I suspect that's due to a lack of questions. Personally, I'd love to see some more interesting discussions on these topics. In fact, I'll probably be posting a few questions myself when I get my license, as my primary interest is packet radio.

comp.os.linux.hardware might be useful if you're into building your own gear, and want it to be interoperable with a Linux system. Or, if you want your project to actually *be* a Linux system of some sort, comp.os.linux.embedded might hold some useful info.

Hope this helps!

--
Russell rdh at salug dot org

2184. i-lin not working on Windows $T4 ws ..

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 04:20:51 UTC
From: mark.ohri@btopenworld.com
Message-ID: <cbc7ed1a.0111212020.2d5894cc@posting.google.com>
Source record: 7620

HI, tried i - link under win95/98 and its fine, but i only use NT,
(tried it on a friends machine) the client version, when i click BEG
locks the bigger menu window, and i have to resort to task manager to
shut it down.

d/loaded the server version, and it does'nt lock up, so far,
but keeps asking if my password is correct?

i have treid using / modding the ini files and sharing the same
working ilink program between OS's but NT just wont have it,

any ideas would be very much appreciated,

i'm not running it as a server, just as a normal client,
& i'm, logged into NT as Administrator, no network,
just normal dial-up. soundcard is 100% service pack 4 too.

Anyone ?

Mark, G0YNM

2185. FA: Digital MultiMeter

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 06:04:51 UTC
From: vinny@pricefire.com
Message-ID: <a027d678.0111212204.7395ee53@posting.google.com>
Source record: 7621

Digital MultiMeter

http://www.pricefire.com/auction/XcAPViewItem.asp?ID=39

2186. Re: Linux info needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 12:31:39 UTC
From: hamish@cloud.net.au
Message-ID: <3bfcf02b$0$28491$afc38c87@news.optusnet.com.au>
Source record: 7624

rdh <hdr@gro.gulas> wrote:
> As far as I can tell, there's not a group specifically geared toward
> Linux and amateur radio. There are several that might be able to help
> with specific questions, though.

However, there's a mailing list linux-hams hosted at vger.kernel.org.

It is for questions relating to ham radio on linux. Unfortunately
it is quite often full of general questions about linux from people who
just happen to be hams.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2187. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 13:38:46 UTC
From: WB8RCR <wb8rcr_NOSPAM@qsl.net>
Message-ID: <9tiv9f01dme@enews2.newsguy.com>
Source record: 7625

"AB2HR" <ab2hr@arrl.net> wrote in message
news:900kttshme0rjisqbqoq6rf1vne6t5ad1v@4ax.com...
>
> Unless you're planning on doing binary file transfers, why use a
> dedicated packet program? Wouldn't your TNC work with a generic
> terminal program? ProComm? Telix? MS-Windows Terminal? Win9x
> HyperTerm?

I'm sure HyperTerm would work, it worked for me. But Paket 6.1 is much nicer. It knows the TNC setups, has TNC help included, and it knows that the sorts of things you do with packet aren't quite what you do when you're telnetted to a Unix host.

Right now I'm using minicom on Linux with my MFJ-1274. Sure it works, but it's nowhere near as nice as Paket 6.1 was. Does anyone know of something like Paket 6.1 for Linux? Not looking for some elaborate X program, just a simple character based program that I can run on a lightweight system.

didleydadidah

2188. Re: Linux info needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 19:33:08 UTC
From: DJ6JZ <DJ6JZ@compuserve.de>
Message-ID: <3bfd64db_1@news.arcor-ip.de>
Source record: 7626

<hamish@cloud.net.au> schrieb in im Newsbeitrag:
3bfcf02b$0$28491$afc38c87@news.optusnet.com.au...
> rdh <hdr@gro.gulas> wrote:
snip
> It is for questions relating to ham radio on linux. Unfortunately
> it is quite often full of general questions about linux from people who
> just happen to be hams.

Perhaps http://www.radio-portal.org can help; although there are not too
many links for Linux, each of it deals with amateur radio.
I will be happy to list more links, new ones will be appreciated via the
"Feedback" page.

vy 73,
Willi, DJ6JZ

2189. SSTV Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 21:28:27 UTC
From: Tim Randa <randas@mindspring.com>
Message-ID: <3BFD6DFB.6C275690@mindspring.com>
Source record: 7627

Hello to all, I'm looking for recommendations for SSTV shareware that's beginner user friendly. Something that uses the sound card. After 23 years as a ham it's about time I give the mode a try...hi

Thanks for your time in responding

73 de Tim Kï¿½FL

2190. Re: SSTV Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 21:59:53 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <tvqtm3frjedv10@corp.supernews.com>
Source record: 7628

I tried a lot of them to see which was the easiest and found JVCOMM to be one of the easiest to use.

http://www.jvcomm.de/indexe.html

Give it a try!

Regards,

Duffy - WB8NUT

"Tim Randa" <randas@mindspring.com> wrote in message news:3BFD6DFB.6C275690@mindspring.com...
> Hello to all, I'm looking for recommendations for SSTV shareware that's
> beginner user friendly. Something that uses the sound card. After 23
> years as a ham it's about time I give the mode a try...hi
>
> Thanks for your time in responding
>
> 73 de Tim K�FL
>

2191. Re: SSTV Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-22 23:45:11 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3BFD8E07.82D254BA@dialpoint.net>
Source record: 7629

Look here for the sound card softwear and give the MMSSTV a try.

http://www.muenster.de/%7Ewelp/sb.htm

Tim Randa wrote:
>
> Hello to all, I'm looking for recommendations for SSTV shareware that's
> beginner user friendly. Something that uses the sound card. After 23
> years as a ham it's about time I give the mode a try...hi
>
> Thanks for your time in responding
>
> 73 de Tim Kï¿½FL

2192. PSK 2meter frequency?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 00:38:35 UTC
From: "Tom B." <tbrock@wi.rr.com>
Message-ID: <fUgL7.524191$ME2.67269192@typhoon.kc.rr.com>
Source record: 7630

Is there a recommended frequency for Psk31 on 2 meters?

I have heard activity around 144.2

2193. Re: PSK 2meter frequency?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 03:53:39 UTC
From: Frank Heston <Frank.Heston@aerospace.com>
Message-ID: <7LjL7.160588$IR4.57043576@news1.denver1.co.home.com>
Source record: 7631

That would be a good choice to start, as it is the calling
frequency. Make a contact, and then move off to converse.

My 2m SSB rig bit the dust recently, so I would be there if
I could :-)

"Tom B." <tbrock@wi.rr.com> wrote
> Is there a recommended frequency for Psk31 on 2 meters?
>
> I have heard activity around 144.2

2194. Re: Mechananical TV ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 04:22:03 UTC
From: sstvswl <sstvswl@home.com>
Message-ID: <L9kL7.40944$RG1.20422758@news1.rdc1.sfba.home.com>
Source record: 7632

http://iz8bly.sysonline.it/
Ed Bruchac <ebruchac@aol.comabc> wrote in message
news:20011121195713.27456.00001091@mb-fl.aol.com...
> What's the url for his site??
>
>
> **Remove the,"abc" to email.**
>
>

2195. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 04:47:29 UTC
From: peter.lacount@hqasc.army.mil
Message-ID: <964ba34d.0111222047.2886fdcb@posting.google.com>
Source record: 7633
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

Andy Scott <andy@andelscott.co.uk> wrote in message
news:<ywBvrGEe69+7EABQ@scotta.demon.co.uk>...
> In article <3bfb4d50_2@news1.prserv.net>, DJ <kb5ylg@attglobal.net>
> writes
> >I obviously have something set wrong on my PK-232MBX. I get garbage when
> >trying to receive morse, rtty and amtor with it. It works fine on VHF
> >packet.
> >
> >I set the HF rig on LSB, turn off all filtering, listen for the signal,
> >start copying but just get trash.
> >
> >Any tips for this beginner in HF digital modes?
> >
> David -
>
> PACKET:
> There is a PK232 command VHF ON|OFF - which sets the packet tones
> OFF - sets a 200Hz narrow shift for HF operation
>
> RTTY:
> WIDESHIFT ON|OFF does a similar thing for RTTY. The default is 'OFF' -
> suitable for most HF, but worth checking that this is the setting in
> use.
>
> RBAUD x - sets the baud rate and defaults to 45 baud but the command
> RBAUD UP|DOWN will move up or down to the next preset speed. In my
> firmware version, speeds were 45, 50, 57, 75, 100, 110, 150, 200, 300
> baud. (45 baud = 60 wpm according to the manual)
>
> RXREV T - will toggle the tones as if the distant station was using the
> other sideband. Useful to check that RXREV and TXREV are both OFF to
> avoid confusion.
>
> Hope this helps

Andy is steering you in the right direction. We use a bunch of these
TNCs at the Army Western MARS gateway station for both Packet and
PACTOR circuits. When switching from VHF/UHF Packet operation to HF
Packet, in the command mode enter 'VHF OFF' (this switches the FSK
tones from wide to narrow). Then you need to change the HBaud rate
from 1200 to 300 bps (enter 'HB 300'). More than likely, you need to
perform similar changes for RTTY and AMTOR data modes. 45 (45.45)
baud, 60 wpm, is the most common RTTY speed. (believe HF packet/

RTTY/AMTOR/PaCTOR modes all use the same 2100/2300 Hz tone pair.) The provided manual is not very clear on these items (you will probably need to read the appropriate sections several times before things start to click).

Pete (W8UXD)

2196. Re: Mechananical TV ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 07:50:35 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <G7kjIBBLf7Ew+h@btinternet.com>
Source record: 7634

In message <20011121195713.27456.00001091@mb-fl.aol.com>, Ed Bruchac
<ebruchac@aol.comabc> writes
>What's the url for his site??
>
>
>**Remove the,"abc" to email.**
>
>
http://users.pandora.be/ON1AIJ/links.htm is where I found the file he
was referring to, there's nothing I could see on Nino's normal site.
--
Roger Basford
(G3VKM)

2197. Sound Card help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 14:59:32 UTC
From: n2kaq@arrl.net
Message-ID: <ddbbc7a3.0111230659.41737aca@posting.google.com>
Source record: 7635

I downloaded and ran a couple of programs for use with a sound card. Took audio from the radio at the external speaker jack but can't get anything to work. When I put the audio into the "line IN" I can hear it over he PC speakers. When I tried the audio thru the "mic IN" I was not able to hear anything. But neither way did I get anything on the computer screen. The programs I was trying were WinPSK, MMSSTV and MMRTTY. Any help?
Thanks
Ed
N2KAQ
n2kaq@arrl.net

2198. Re: Sound Card help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-23 17:23:25 UTC
From: scatterman <scatterman@worldnet.att.net>
Message-ID: <hCvL7.125955$WW.7813151@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7636

Ed Zebrowski wrote:

> I downloaded and ran a couple of programs for use with a sound card.
> Took audio from the radio at the external speaker jack but can't get
> anything to work. When I put the audio into the "line IN" I can hear
> it over he PC speakers. When I tried the audio thru the "mic IN" I
> was not able to hear anything. But neither way did I get anything on
> the computer screen. The programs I was trying were WinPSK, MMSSTV
> and MMRTTY. Any help?
> Thanks
> Ed
> N2KAQ
> n2kaq@arrl.net
>
What OS, W95, W98, ME. 2000, DOS, XP, what?

Look at your mixer settings if in windows 95, 98, ME, the little speaker icon on your taskbar. Have you selected the line -in as a valid active input? If you dont have the mixer setting on your taskbar go into control panel select "multimedia" and check the box to display mixer on taskbar.

Also be sure you are using mixer as an input device.

--
Any fool can screw up! But only root can wreck everything!

2199. Re: Anyone using MixW Program ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-24 02:25:35 UTC
From: Jim <NoSpAmk5ik@mindspring.com>
Message-ID: <g31uvtcls8skmmjjb5du8aq7h293ru4oce@4ax.com>
Source record: 7637

I am a happy user and something like 50% or more of the signals I see
on PSK claim to MixW (or the related Digipan) users.

On Fri, 23 Nov 2001 13:17:31 -0500, KenW <w2bdp@home.com> wrote:

>Comments ?

Jim

2200. Re: Anyone using MixW Program ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-24 08:03:53 UTC
From: allanwood3@aol.comnospam
Message-ID: <20011124030353.29641.00001418@mb-fv.aol.com>
Source record: 7638

Yes - excellent package. Definitely one to keep and use.

Allan

2201. Re: Sound Card help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-25 09:46:00 UTC
From: hamish@cloud.net.au
Message-ID: <3c00bdd8$0$28128$afc38c87@news.optusnet.com.au>
Source record: 7639

Ed Zebrowski <n2kaq@arrl.net> wrote:
> I downloaded and ran a couple of programs for use with a sound card.
> Took audio from the radio at the external speaker jack but can't get
> anything to work. When I put the audio into the "line IN" I can hear
> it over he PC speakers. When I tried the audio thru the "mic IN" I
> was not able to hear anything. But neither way did I get anything on
> the computer screen. The programs I was trying were WinPSK, MMSSTV
> and MMRTTY. Any help?

You need to select line in in the recording properties.

Go into the mixer (double click the speaker icon on the system tray),
go to the Options menu, select Properties, select 'Adjust volume for
recording'. Then enable 'Select' next to line-in.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2202. MFJ-1275 > Icom-706

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-25 12:31:00 UTC
From: "Kw@tz" <gj.vinke@quicknet.nl>
Message-ID: <5x5M7.388185$Jy2.25012361@news.quicknet.nl>
Source record: 7640

Hi,

I just bought a MFJ-1275 inteface.....

Does anyone know how to configure the jumpers for a Icom 706.

Gerrit, PA3DWC

2203. Re: Mechananical TV ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-25 13:20:11 UTC
From: "Kw@tz" <gj.vinke@quicknet.nl>
Message-ID: <df6M7.388272$Jy2.25032573@news.quicknet.nl>
Source record: 7641

Hi,

For several mechanical TV programs check this site

http://home.wanadoo.nl/nl9222/software.htm

Pa3dwc

"Roger Basford" <Basford@btinternet.com> schreef in bericht
news:G7kjIBBLf7Ew+h@btinternet.com...
> In message <20011121195713.27456.00001091@mb-fl.aol.com>, Ed Bruchac
> <ebruchac@aol.comabc> writes
> >What's the url for his site??
> >
> >
> >**Remove the,"abc" to email.**
> >
> >
> http://users.pandora.be/ON1AIJ/links.htm is where I found the file he
> was referring to, there's nothing I could see on Nino's normal site.
> --
> Roger Basford
> (G3VKM)

2204. Re: Packet software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-25 17:54:00 UTC
From: n0nb@arrl.net
Message-ID: <308301a4.0111250953.4ac76cdc@posting.google.com>
Source record: 7642

"WB8RCR" <wb8rcr_NOSPAM@qsl.net> wrote in message news:<9tiv9f01dme@enews2.newsguy.com>...

> Right now I'm using minicom on Linux with my MFJ-1274. Sure it works, but
> it's nowhere near as nice as Paket 6.1 was. Does anyone know of something
> like Paket 6.1 for Linux? Not looking for some elaborate X program, just a
> simple character based program that I can run on a lightweight system.
>
> didleydadidah

I don't know of anything specific. You may want to check out
http://radio.linux.org.au and see what's there. That is the official
Linux ham radio site.

73, de Nate >>

2205. Packet Cluster in Akron Ohio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-25 19:58:50 UTC
From: Rick Ramzy <ramzy@bright.net>
Message-ID: <e5cM7.7841$_K.1005321@cletus.bright.net>
Source record: 7643

Can some one the tell if there is a DX Cluter in Akron, Ohio and what
frequency it is.W0CG whas on the air but it is down. Can some one help me.
e-mail: ramzy@bright.net
Thanks,
Rick de K8RMR

2206. AEA PK-900 Bad Command flag? Why?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 05:20:06 UTC
From: mike.luther@ziplog.com
Message-ID: <u03k864qtinba7@corp.supernews.com>
Source record: 7644

The following is a snip of the Poor Man's Line Monitor of the actual COMM Port I/O bytes that are present in the short load run of the AEA Win 3.1 control program for it.

I realize that there is a problem in this application with Y2K and did not realize it until AEA dropped selling the 'fixed' version but all I have is OS/2 and WIN 3.1, which is Y2K compliant and all.

The AEA PKWIN program still runs both the AEA PK900 and PK-96 units just fine, but it hands on a 'BAD COMMAND' error right at first of the load run. If you just tap through it, all still works, assuming that any date range errors don't make any difference for practical purposes.

They have been running for all this time since Y2K except for this.

Actually, this error was in there before Y2K anyway.

Here is the actual byte run which pops the error starting the load.

What is this? Can it be patched or stopped with some control parameter setting?

***OHPYOHP OXWYOXW OHO3OHO ODA101112605060DA

It looks like the thing that pops this is the 10111260506 numeric sequence. I'm a fully qualified licensed user of this program.

Any help?

--> Sleep well; OS2's still awake! ;)

Mike.Luther@ziplog.com
Mike.Luther@f3001.n117.z1.fidonet.org

2207. Looking for packet on 70cm

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 06:34:19 UTC
From: James Alexander <james-m-alexander@home.com>
Message-ID: <3C01E284.37F31E14@home.com>
Source record: 7645

Hi all,

Anyone running 1200bd AX.25 on 70cm band in southern Ontario?

thanks,
James

2208. APRS software with high quality detailed street level maps

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 08:01:20 UTC
From: Michael <hkc2001@pacbell.net>
Message-ID: <kFmM7.5635$Re7.464432172@newssvr14.news.prodigy.com>
Source record: 7646

All APRSers,

Check out the APRSPoint software on www.aprspoint.com. It utilizes Microsoft MapPoint to provide high quality, detailed street map data, and it integrates MapPoint in an easy to use interface. You can do address lookup, point to point routing with MapPoint, and it offers better maps than Street Atlas. Right now you can get Microsoft MapPoint trial version for $9.95 for 60 days. APRSPoint implements the latest APRS standard, and supports position, status and weather reporting. You can also do APRS messaging with it. It supports AGW packet engine to use sound card as TNC in addition to standard serial TNCs. It does station tracking, signal range plot and has GPS tracking capabilities. For details, go to the website and get the free APRSPoint trial software. thx.

2209. What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 14:50:46 UTC
From: n2kaq@arrl.net
Message-ID: <ddbbc7a3.0111260650.1cb11e78@posting.google.com>
Source record: 7647

While spinning around on 20m I have been hearing a couple of sounds
but not qiet sure what they were exactly. One sounded like CW at 60
wpm. Another was like RTTY on steroids. And last was like hf packet
but not quite. What were they?

Also with all these new modes I read about in QST, (PSK,MFSK16 etc,)
is there any site that has the sounds they make stored as a WAV file
so I can possibly know what I am listening to, so if I wanted to try
one I could?
Thanks
ed
n2kaq

2210. Re: What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 15:06:25 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3C025A71.5E761E6B@dialpoint.net>
Source record: 7648

Go here and download some of the free programs.

http://www.muenster.de/%7Ewelp/sb.htm

Then run them on the computer. They are sound card programs that do the digital modes. You can set them to transmitt and send the tones out to the computer sound card speaker system That will let you know what the 'strange' tones sound like when you hear them on the air.

Ed Zebrowski wrote:
>
> While spinning around on 20m I have been hearing a couple of sounds
> but not qiet sure what they were exactly. One sounded like CW at 60
> wpm. Another was like RTTY on steroids. And last was like hf packet
> but not quite. What were they?
>
> Also with all these new modes I read about in QST, (PSK,MFSK16 etc,)
> is there any site that has the sounds they make stored as a WAV file
> so I can possibly know what I am listening to, so if I wanted to try
> one I could?
> Thanks
> ed
> n2kaq

2211. Re: What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 17:07:41 UTC
From: Roly Brown <rbrown@baremetal.com>
Message-ID: <xFuM7.75041$6b.4190931@news2.calgary.shaw.ca>
Source record: 7649

Try http://home.teleport.com/~nb6z/ for recordings of these sounds

"Ed Zebrowski" <n2kaq@arrl.net> wrote in message
news:ddbbc7a3.0111260650.1cb11e78@posting.google.com...
> While spinning around on 20m I have been hearing a couple of sounds
> but not qiet sure what they were exactly. One sounded like CW at 60
> wpm. Another was like RTTY on steroids. And last was like hf packet
> but not quite. What were they?

2212. Narrow Band TV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 19:12:14 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <mdqLh+BOQpA8EwcN@btinternet.com>
Source record: 7650

Hi,

There is a current thread on this group about mechanical TV, or Narrow Band TV. I was wondering if there are any electronic implementations of this system as the Web sites I've looked at regarding NBTV seem to concentrate on mechanical methods of scanning the picture and displaying it at the receive end. I'm thinking of Web cam type transmissions over normal SSB voice bandwidth using soundcard software like the IZ8BLY program from ON1AIJ's web site on http://users.pandora.be/ON1AIJ/

Any info appreciated.
--
Roger Basford
(G3VKM)

2213. need some RF help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 20:50:08 UTC
From: johnnie_galvin2002@yahoo.com
Message-ID: <10eeb2bc.0111261250.2dc51761@posting.google.com>
Source record: 7451
Cross-posted to: sci.electronics.design,comp.robotics.misc,rec.radio.amateur.digital.misc

I have a RF problem, and was hoping someone out there could give me some input. I have apair of Linx KH series transmitter/receiver that have a built in encoder/decoder. I am trying to transfer a small amount of data (about 300bits/sec). I also have the evaluation boards, so I know there is no problem with the RF board construction. Both the evaluation boards are working, as both the preinstalled LED and buzzer work well, and I have connected a temporary switch/LED to each input/output, they all are working correctly. The problem is that when I try connecting the output of the receiver to my parallel port (or to a logic analyzer), it only seems to be outputting a single bit. So basically I am not seeing the rise/fall of the voltage level that I am inputting. I know the problem doesn't lie in the data collector, as I can directly connect it to my parallel port or to a logic analyzer and see the 0/1 bits I expect.

Can somebody out there give me a hint of what I need to do? Thanks in advance for any pointers you can give me.

2214. Re: What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 21:53:23 UTC
From: AC6V <ac6v@amsat.org>
Message-ID: <3C02B9D3.E2F4B271@amsat.org>
Source record: 7452

Ed go to URL:
http://rover.wiesbaden.netsurf.de/~signals/DIG_intro.htm

More diggie modes than u will believe AND
each has an audio wave file that you can hear.

More Digital modes and PSK stuff at URL:
http://ac6v.com/opmodes.htm

Good BusBuzzRacketBaserfZZZZZZeeppp
--
73 From AC6V, Rod In Oceanside, CA
I doubt, therefore I might be!
http://ac6v.com
==========
Ed Zebrowski wrote:

> While spinning around on 20m I have been hearing a couple of sounds
> but not qiet sure what they were exactly. One sounded like CW at 60
> wpm. Another was like RTTY on steroids. And last was like hf packet
> but not quite. What were they?
>
> Also with all these new modes I read about in QST, (PSK,MFSK16 etc,)
> is there any site that has the sounds they make stored as a WAV file
> so I can possibly know what I am listening to, so if I wanted to try
> one I could?
> Thanks
> ed
> n2kaq

2215. Need TNC software!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-26 21:56:23 UTC
From: A A 3 L T <CW4EVER@penn.com>
Message-ID: <3C02BA87.1FF8C571@penn.com>
Source record: 7453

Hello:

I am looking for the windows version of the MFJ-1289
software. I really hate to purchase a new copy of the
software so I am hoping someone would be kind enough
to provide me with a copy. Thanks.

73,
Walt.

2216. garbled copy

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 00:12:33 UTC
From: Bob Javits <rjavits@optonline.net>
Message-ID: <RTAM7.115899$636.14897071@news02.optonline.net>
Source record: 7454

as a newbie to psk31, i've got a bunch of questions, but i'll start with just one....

i have WinPsk2.11 set up on my P166 and a cable from soundcard to speaker output of my radio... regardless of signal strength shown on my S-meter or on the waterfall display, most of the signals print as gibberish... alternating caps and lowercase, odd characters, etc...too many errors to blame on poor typing by the sender...

is this just weak signal problems, or does it indicate another problem with computer, software, tuning, whatever???

thanks.............. bob wb2aiu

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.293 / Virus Database: 158 - Release Date: 10/29/2001

2217. FA: Kenwood MU-1 Modem Unit for DCL and CD- Display

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 03:17:14 UTC
From: W5CIA <w5cia@nospam.usa.net>
Message-ID: <PCDM7.907$L7.102566@newsrump.sjc.telocity.net>
Source record: 7456
Cross-posted to: alt.ham-radio.marketplace,rec.radio.amateur.digital.misc,rec.radio.swap

This board is required for some Kenwood Radios (TM-2570, TM-2550, TM2530, TR-751A,etc.) to use DCL and a CD-10 Display. Board is in excellent working condition.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1302439413

--
Thanks
STEVE
W5CIA
DXCC 330

remove nospam on email address to reply

2218. Re: need some RF help

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 05:55:10 UTC
From: Gerry Schneider <gerry.s@sympatico.ca>
Message-ID: <3C032ABD.AB87451E@sympatico.ca>
Source record: 7455
Cross-posted to: sci.electronics.design,comp.robotics.misc,rec.radio.amateur.digital.misc

John G wrote:

> I have a RF problem, and was hoping someone out there could give me
> some input. I have apair of Linx KH series transmitter/receiver that have
> a built in encoder/decoder. I am trying to transfer a small amount of
> data (about 300bits/sec). I also have the evaluation boards, so I
> know there is no problem with the RF board construction. Both the
> evaluation boards are working, as both the preinstalled LED and buzzer
> work well, and I have connected a temporary switch/LED to each
> input/output, they all are working correctly. The problem is that when
> I try connecting the output of the receiver to my parallel port (or to
> a logic analyzer), it only seems to be outputting a single bit. So
> basically I am not seeing the rise/fall of the voltage level that I am
> inputting. I know the problem doesn't lie in the data collector, as I
> can directly connect it to my parallel port or to a logic analyzer and
> see the 0/1 bits I expect.
>
> Can somebody out there give me a hint of what I need to do? Thanks in
> advance for any pointers you can give me.

The Holtek style encoder/decoders used on the Linx KH are designed to transfer individual (single bit) logic states, not serial data or parallel words. You can transfer up to 8 separate states, but one at a time, not as parallel bytes. If you transfer a serial stream the data rate needs to be down at about 10 bps. Sorry about that.

Gerry

2219. Aprspoint forum

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 07:34:50 UTC
From: Michael <hkc2001@pacbell.net>
Message-ID: <umHM7.780$zW5.188471452@newssvr14.news.prodigy.com>
Source record: 7457

I have created a forum on Yahoo for aprspoint users to ask questions and share ideas and experiences. Goto http://www.aprspoint.com/forum.htm to enter. thx.

Michael

2220. Re: AEA PK-900 Bad Command flag? Why?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 13:00:07 UTC
From: Gary Johnson <xpware@home.com>
Message-ID: <3v270uce10n513jrfsvfqj26tf18ojej9l@4ax.com>
Source record: 7458

On Mon, 26 Nov 2001 05:20:06 -0000, mike.luther@ziplog.com wrote:

>The following is a snip of the Poor Man's Line Monitor of the actual
>COMM Port I/O bytes that are present in the short load run of the AEA
>Win 3.1 control program for it.
>
>I realize that there is a problem in this application with Y2K and did
>not realize it until AEA dropped selling the 'fixed' version but all I
>have is OS/2 and WIN 3.1, which is Y2K compliant and all.
>
>The AEA PKWIN program still runs both the AEA PK900 and PK-96 units just
>fine, but it hands on a 'BAD COMMAND' error right at first of the load
>run. If you just tap through it, all still works, assuming that any
>date range errors don't make any difference for practical purposes.
>
>They have been running for all this time since Y2K except for this.
>
>Actually, this error was in there before Y2K anyway.
>
>Here is the actual byte run which pops the error starting the load.
>
>What is this? Can it be patched or stopped with some control parameter
>setting?
>
> ***
OHPY
OHP
OXWY
OXW
OHO3
OHO
ODA10111260506
ODA

>
>It looks like the thing that pops this is the 10111260506 numeric
>sequence. I'm a fully qualified licensed user of this program.
>

It sounds like a possible program with the date coding (DA
command). According to the command string you are showing it is
set to 2010 . The command is YYMMDDHHMM. Try setting your
computer to 1999 and see if you get the same problem.

I remeber that I had to change the coding in my software at Y2K for
a similiar problem. This would require an upgrade to the program.

73 Gary KF7XP

>Any help?
>
>
>--> Sleep well; OS2's still awake! ;)
>
>Mike.Luther@ziplog.com
>Mike.Luther@f3001.n117.z1.fidonet.org

2221. Re: Need TNC software!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 14:47:31 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3C03A783.235FA8D2@crosslink.net>
Source record: 7459

A A 3 L T wrote:
>
> ... I really hate to purchase a new copy of the
> software so I am hoping someone would be kind enough
> to provide me with a copy.

Why do I picture you with an eyepatch, a parrot on your sholder and a hook in place of one hand? .... ;o)

73 de KA3DWW

2222. Re: AEA PK-900 Bad Command flag? Why?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 16:25:07 UTC
From: mike.luther@ziplog.com
Message-ID: <u07fj3mpdv8ved@corp.supernews.com>
Source record: 7460

In <3v270uce10n513jrfsvfqj26tf18ojej9l@4ax.com>, Gary Johnson <xpware@home.com> writes:
>On Mon, 26 Nov 2001 05:20:06 -0000, mike.luther@ziplog.com wrote:

Thanks Gary ..

>ODA10111260506

>ODA

>>It looks like the thing that pops this is the 10111260506 numeric
>>sequence. I'm a fully qualified licensed user of this program.

> It sounds like a possible program with the date coding (DA
>command). According to the command string you are showing it is
>set to 2010 . The command is YYMMDDHHMM. Try setting your
>computer to 1999 and see if you get the same problem.

>I remeber that I had to change the coding in my software at Y2K for
>a similiar problem. This would require an upgrade to the program.
>
>73 Gary KF7XP

Aha! Interesting! Yes, I know there is a problem with this program
with Y2K and they DID offer a patched program fix for it! However I
didn't not know about that until suddenly, a while after the Y2K rollover,
they refused to furnish the corrected program any longer! I talked to
the corporate entity which bought the rights to the AEA code at HAMCOM
in Dallas, explaining that I had no access to WIN-whatever and wouldn't
be able to use the totally new program at all.

Was told, more or less, 'Sorry, you are out of luck because we want to sell
new programs and the only way we can get people to leave the old one is not
to sell any more of it or we can't financially recover from the losses we
took with AEA.'

Gloom ..

Essentially, then what they did was to provide the commonly used sliding
date rollover 'fix' for the code which creates a year-window deal from
1980 through 2079 to fix this deal. Anyone have any suggestions as to
the patch code or what to do.

WIN-whatever is *NOT* and option of any kind in a remote non-attended site
that takes about 40 miles of driving to access...

and PHS isn't feature rich, but it does exist in a later PK-900
version for native OS/2 ...

Thanks

--> Sleep well; OS/2's still awake! ;)

Mike.Luther@ziplog.com
Mike.Luther@f3001.n117.z1.fidonet.org

2223. On 50.620 mhz FM 1200 baud packet (N8XYN)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-27 23:12:02 UTC
From: scatterman <scatterman@worldnet.att.net>
Message-ID: <65VM7.200114$3d2.8522479@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7461

I'm beaming southwest from em89 toward Texas. Beacon every 5 minutes.
connect to N8XYN-1

If this isn't the correct newsgroup sorry, 73...

--
Any fool can screw up! But only root can wreck everything!

2224. Q: Any PSK-31 on 6 meters?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 00:02:26 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <iba80usi58th4h9fab3cg0lphfsgj7n45c@4ax.com>
Source record: 7462

Is there any out there?

73,
Jim
N2VNO

2225. OPP how to get rid of sqauaking?????

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 00:20:28 UTC
From: R&D Smith <rdsmith@recorder.ca>
Message-ID: <zbWM7.4$4j2.759842@localhost.localdomain>
Source record: 7463

I am monitoring the OPP (Ontario Provincial Police) They have 9 different towers with an abc in each division so itd would go 1a 1b 1c, 2a 2b 2c and so on and every tower has a mobile and a base frequency or a frequency and a mobile where the frequency being the tower. ex. 1a mobile 139.470 1a base 141.390 1b 139.185 1b base 141.195 and so on.... and it says that all opp frequencies use CTCSS PL-TONE 107.2 Hz. Set your CTCSS tone to this to get rid of the computer generated squawking.... but its seems to be not working , i have a BC 245 xlt radio and i can pick up there mobile repeaters but i have a hard time getting rid of the squawking.. so could a OPP fellow monitor or someone who knows what im talking about please help me.... I have the winscan software and its has a spot where i can set the pl tone to anything i want os this apply to my scanner,, i am assuming so... so please help

2226. Re: On 50.620 mhz FM 1200 baud packet (N8XYN)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 06:00:06 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10111280559171.909-100000@exp.bde-arc.ampr.org>
Source record: 7464

It's one of the correct newsgroups. However, may I suggest beaconing every 15 minutes or less often if there's any activity on the frequency at all (besides your station).

On Tue, 27 Nov 2001, scatterman wrote:
>I'm beaming southwest from em89 toward Texas. Beacon every 5 minutes.
>connect to N8XYN-1
>
>If this isn't the correct newsgroup sorry, 73...

2227. Re: Q: Any PSK-31 on 6 meters?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 08:13:09 UTC
From: Arto Harjula <arto.harjula@nokia.com>
Message-ID: <3C049BD6.9AFEF80@nokia.com>
Source record: 7465

ZZZjim_cronin@juno.comZZZ wrote:
>
> Is there any out there?

The DX-Summit spot database search shows 25 PSK spots on 6m during the last month.
http://oh2w.kolumbus.com/dxs/qin.html

The only PSK signal I've heard was DU1EGA a couple of weeks ago. Unfortunately I was not able to transmit (I use Digipan mainly for monitoring the TV channel carriers) so no QSO.

73 Arto, OH2BGN

2228. Re: What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 10:21:54 UTC
From: Markus Lenggenhager <hb9brj@yahoo.com>
Message-ID: <3c04baa8$0$225$4d4ebb8e@read-nat.news.nl.uu.net>
Source record: 7466

Try the MixW software by Nick UT2UZ, available from
http://tav.kiev.ua/~nick/mixw2/ . It will decode most of the modern digi
modes. To familiarize with the different sounds, put MixW in TX mode (if
transceiver is connected, prevent it from actually transmitting) and listen
to the sounds coming out of the PC speaker.

73, Markus HB9BRJ

2229. Re: On 50.620 mhz FM 1200 baud packet (N8XYN)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 15:47:32 UTC
From: scatterman <scatterman@worldnet.att.net>
Message-ID: <oG7N7.133477$WW.8423697@bgtnsc05-news.ops.worldnet.att.net>
Source record: 7467

D. Stussy wrote:

> It's one of the correct newsgroups. However, may I suggest beaconing
> every 15 minutes or less often if there's any activity on the frequency at
> all (besides your station).
>
> On Tue, 27 Nov 2001, scatterman wrote:
>>I'm beaming southwest from em89 toward Texas. Beacon every 5 minutes.
>>connect to N8XYN-1
>>
>>If this isn't the correct newsgroup sorry, 73...
>
>
I am about it, thats the issue, its a real case of "I transmit therefor I
am" ;-)

--
Any fool can screw up! But only root can wreck everything!

2230. Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 20:27:10 UTC
From: johnfofawn@hotmail.com
Message-ID: <d89364bd.0111281227.448470c2@posting.google.com>
Source record: 7468

So I've got this fance Icom IC-756Pro and I want to see the RTTY decoder work. Where can I tune to be likily to hear RTTY?

What mark and shift do I specify?

BTW, I'm in Maryland USA.

Thanks,
John

2231. Re: Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 22:20:30 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u0aoqds2862fa@corp.supernews.com>
Source record: 7469

around 80 khz up from the bottom edge of most bands - 14.080 for
example. Use 170 Hz shift, 45 baud.

2232. Re: Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 23:05:22 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3C056DB2.8D311D15@dialpoint.net>
Source record: 7470

Look for the ARRL rtty broadcast on 40 meters and 20 meters . Don't recall the ecect frequency but shuld be around 7.095 and 14.095. They send at specific times every day. Look at arrl.org to find the exect frequency and times . Most ham rtty is from 14.080 to 14.100 on 20 meters.

Set the receiver for lsb, the program for 60 wpm (or if in bauds 45.45 or as close to it as possiable in the program). Mark tone can be set to most anything but set it to 2125 and space to 2295. That is 170 hz shift.

2233. Re: Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-28 23:19:23 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u0as8igt9jhpb4@corp.supernews.com>
Source record: 7471

> Set the receiver for lsb...

No, set the PRO's mode to RTTY if you want to copy using the built in
decoder.

2234. PK232MBX + APRS793

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 02:33:47 UTC
From: harryhydro@hotmail.com
Message-ID: <10e8ec27.0111281833.327251c6@posting.google.com>
Source record: 7472

Hi Folks:
I just looked through some old posts for what looks to be an old problem. I can't find any answers.
On an HT (VHF mode) everything seemed to be working fine. I set up the HF rig to monitor some APRS on 10.151. I got it tuned up and was monitoring packets with 'V'. I see a lot of traffic with the APRS texts.. Heard (H) isn't catching anyone, although I can view calls in the packets. Nothing on the map <space> is showing symbols. I thought it was a linefeed problem, a time and date stamp problem. I changed them, still doesn't work.
Now, it doesn't work on VHF either, but I do see the packets with 'V', a few stations with 'H' and only one symbol, a car, on the map, on 144.39 which is runnning >130% most times! I did J A, that doesn't help. Again, I see LOTS of traffic with 'V'.
I'd love to buy this program, if it's still available, if that's what the problem is. (time-out period?) If it's bugs, I'm not so sure..
Any help appreciated!
Take Care!
Harry KB2MEN

2235. Re: What are those sounds?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 02:44:46 UTC
From: harryhydro@hotmail.com
Message-ID: <10e8ec27.0111281844.5b016e95@posting.google.com>
Source record: 7473

n2kaq@arrl.net (Ed Zebrowski) wrote in message
news:<ddbbc7a3.0111260650.1cb11e78@posting.google.com>...
> While spinning around on 20m I have been hearing a couple of sounds
> but not qiet sure what they were exactly. One sounded like CW at 60
> wpm. Another was like RTTY on steroids. And last was like hf packet
> but not quite. What were they?
>
> Also with all these new modes I read about in QST, (PSK,MFSK16 etc,)
> is there any site that has the sounds they make stored as a WAV file
> so I can possibly know what I am listening to, so if I wanted to try
> one I could?
> Thanks
> ed
> n2kaq

Hi Ed:
Have you tried "Stream"? This very cool program tranceives PSK31,
MFSK8 and 16, and PSK63F and 125F. There is one mode I think called
"piccolo" or something like that, the PSK31 works mostly on. I have
been hearing something like extremely wide (at least 3kc) and fast
RTTY. The FAST CW might be HELL of some sort. I think there are alot
of different HELLs. Wow, now I don't know! Might be anything!
Take CAre!
Harry KB2MEN

2236. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 02:52:14 UTC
From: harryhydro@hotmail.com
Message-ID: <10e8ec27.0111281852.45848000@posting.google.com>
Source record: 7474
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

peter.lacount@hqasc.army.mil (Pete La Count) wrote in message
news:<964ba34d.0111222047.2886fdcb@posting.google.com>...
> Andy Scott <andy@andelscott.co.uk> wrote in message
news:<ywBvrGEe69+7EABQ@scotta.demon.co.uk>...
> > In article <3bfb4d50_2@news1.prserv.net>, DJ <kb5ylg@attglobal.net>
> > writes
> > >I obviously have something set wrong on my PK-232MBX. I get garbage when
> > >trying to receive morse, rtty and amtor with it. It works fine on VHF
> > >packet.
> > >
> > >I set the HF rig on LSB, turn off all filtering, listen for the signal,
> > >start copying but just get trash.
> > >
> > >Any tips for this beginner in HF digital modes?
> > >
> > David -
> >
> > PACKET:
> > There is a PK232 command VHF ON|OFF - which sets the packet tones
> > OFF - sets a 200Hz narrow shift for HF operation
> >
> > RTTY:
> > WIDESHIFT ON|OFF does a similar thing for RTTY. The default is 'OFF' -
> > suitable for most HF, but worth checking that this is the setting in
> > use.
> >
> > RBAUD x - sets the baud rate and defaults to 45 baud but the command
> > RBAUD UP|DOWN will move up or down to the next preset speed. In my
> > firmware version, speeds were 45, 50, 57, 75, 100, 110, 150, 200, 300
> > baud. (45 baud = 60 wpm according to the manual)
> >
> > RXREV T - will toggle the tones as if the distant station was using the
> > other sideband. Useful to check that RXREV and TXREV are both OFF to
> > avoid confusion.
> >
> > Hope this helps
>
> Andy is steering you in the right direction. We use a bunch of these
> TNCs at the Army Western MARS gateway station for both Packet and
> PACTOR circuits. When switching from VHF/UHF Packet operation to HF
> Packet, in the command mode enter 'VHF OFF' (this switches the FSK
> tones from wide to narrow). Then you need to change the HBaud rate
> from 1200 to 300 bps (enter 'HB 300'). More than likely, you need to

> perform similar changes for RTTY and AMTOR data modes. 45 (45.45)
> baud, 60 wpm, is the most common RTTY speed. (believe HF packet/
> RTTY/AMTOR/PaCTOR modes all use the same 2100/2300 Hz tone pair.) The
> provided manual is not very clear on these items (you will probably
> need to read the appropriate sections several times before things
> start to click).
>
> Pete (W8UXD)

Hi:
I have a PK232MBX. If you have "PACRAT", there is a signal
identification mode (SI). You just select WIDE or NARROW, tune the
radio for the proper tone, and it does the rest. When it comes up
with good parameters, just press <enter> and it goes to that mode,
setting the speed and everything!

Harry KB2MEN

2237. Re: SSTV Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 02:58:31 UTC
From: harryhydro@hotmail.com
Message-ID: <10e8ec27.0111281858.4976b49a@posting.google.com>
Source record: 7475

Tim Randa <randas@mindspring.com> wrote in message
news:<3BFD6DFB.6C275690@mindspring.com>...
> Hello to all, I'm looking for recommendations for SSTV shareware that's
> beginner user friendly. Something that uses the sound card. After 23
> years as a ham it's about time I give the mode a try...hi
>
> Thanks for your time in responding
>
> 73 de Tim Kï¿½FL

Hi Tim!
I like to use W95SSTV. It uses alot of DRAG and DROP, auto start
AND auto save, picture editing (putting in your call,etc.) I've
registered and used JVFAX in the past, but find it buggy on this
Gateway 650..
Take Care!
Harry

2238. Software for Win CE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 04:26:21 UTC
From: "Richard H." <rh3x@erols.com>
Message-ID: <a4eb0u8nfjft1ikflvskh52k5kh0q2gga1@4ax.com>
Source record: 7476

Can anyone point me in the direction of any sites that hold ham radio comm software for HP WIN CE palmtops?

Thank you,

de Richard/N2JR

2239. Re: Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 12:02:30 UTC
From: sstvswl <sstvswl@home.com>
Message-ID: <qtpN7.55984$RG1.30577034@news1.rdc1.sfba.home.com>
Source record: 7477

http://www.rtty.com

Bob Lewis (AA4PB) <rlewis@staffnet.com> wrote in message
news:u0as8igt9jhpb4@corp.supernews.com...
>
> > Set the receiver for lsb...
>
> No, set the PRO's mode to RTTY if you want to copy using the built in
> decoder.
>
>
>

2240. New Discussion Group for Patcomm Radios

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 12:44:46 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <1103_1007037886@news.fuse.net>
Source record: 7478
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have started a new discussion group for those interested in Patcomm Radios.

http://groups.yahoo.com/group/Patcomm

Regards,

Duffy - WB8NUT

2241. Re: Q: Any PSK-31 on 6 meters?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 17:57:16 UTC
From: ZZZjim_cronin@juno.comZZZ
Message-ID: <3c0676d1.1309580527@13.0.32.55>
Source record: 7480

Any frequencies in particular? I was wondering if the PSK gang
has claimed any particular frequency, similar to PSK-31 use on the
HF bands.

73,
Jim
On Wed, 28 Nov 2001 08:13:09 GMT, Arto Harjula
<arto.harjula@nokia.com> wrote:

>ZZZjim_cronin@juno.comZZZ wrote:
>>
>> Is there any out there?
>
>The DX-Summit spot database search shows 25 PSK spots on 6m during the
>last month.
>http://oh2w.kolumbus.com/dxs/qin.html
>
>The only PSK signal I've heard was DU1EGA a couple of weeks ago.
>Unfortunately I was not able to transmit (I use Digipan mainly for
>monitoring the TV channel carriers) so no QSO.
>
>73 Arto, OH2BGN

2242. FS: GE Master II UHF repeater

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-29 20:40:01 UTC
From: ckg@osu.edu
Message-ID: <3c069d0d.28011508@nntp.service.ohio-state.edu>
Source record: 7479
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.boatanchors,osu.club.amateur-radio

Comb# SC55YAS88B
Ser# 0214064-C

GE Duplexer# 19C307166-P1, Mod# DE4075

100.0, 114.8, 136.5,146.2, 156.7, 131.8, ???.?? PL Modules

Racomm automatic morse ID controller

Works fine...very clean. Bought for packet use, but found a better
unit.

Located in Columbus, Ohio...$300.00 firm.

Email if interested.

Thank you.

Christopher K. Greenhalgh, N8WCT
AX.25: n8wct@w8cqk.#cmh.oh.usa.noam

"It's just about going fast...that's all...
http://home.columbus.rr.com/n8wct"

2243. Re: Software for Win CE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-11-30 20:05:58 UTC
From: Duncan Clark <NEWS@[127.0.0.1]>
Message-ID: <aFJAhZBma+B8Ewjp@ntlworld.com>
Source record: 7481

In message <a4eb0u8nfjft1ikflvskh52k5kh0q2gga1@4ax.com>, Richard H.
<rh3x@erols.com> writes
>Can anyone point me in the direction of any sites that hold ham radio
>comm software for HP WIN CE palmtops?
>
>Thank you,
>
>de Richard/N2JR
>

I just subscribed to find the same for my Jornada 680.

I have used the DX cluster with the standard built-in WinCE terminal
software with a PK12 and I believe there is some free commercial
software from pakratt - http://www.cssincorp.com/pakrattce

I've found a satellite tracker called pTrack which works fine -
http://homepage.ntlworld.com/c.d.jackson/ptrack/

I am going to try and write some sort of simple log book program with
Visual CE Lite.

I'd love to find some RTTY or SSTV software, just to give those modes a
go, but web searches draw a blank.

Duncan
G4ELJ
--
Support bacteria. They are the only culture some people have.

Duncan Clark

2244. Software Search

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 01:37:26 UTC
From: John <fltsatcom@hotmail.com>
Message-ID: <3c0834db_1@news.iprimus.com.au>
Source record: 7482

Would anyone be able to point me in the direction of version 2.4 of the
multi decoding program called
Skysweep ?
TIA

2245. Re: Software Search

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 02:38:34 UTC
From: Ken Ward <ken@g1itv.fsnet.co.uk>
Message-ID: <9u9frd$k45$1@newsg3.svr.pol.co.uk>
Source record: 7483

"John" <fltsatcom@hotmail.com> wrote in message
news:3c0834db_1@news.iprimus.com.au...
> Would anyone be able to point me in the direction of version 2.4 of the
> multi decoding program called
> Skysweep ?
> TIA
>

GO TO:
http://www.skysweep.com/download_frame.htm

for ver. 2.5

Ken Ward G1ITV

2246. Re: Narrow Band TV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 13:26:08 UTC
From: Klaus Kramer <DL4KCK@t-online.de>
Message-ID: <3C08DA70.B344A8A6@t-online.de>
Source record: 7484

Roger Basford schrieb:
>
> Hi,
>
> There is a current thread on this group about mechanical TV, or Narrow
> Band TV. I was wondering if there are any electronic implementations of
> this system as the Web sites I've looked at regarding NBTV seem to
> concentrate on mechanical methods of scanning the picture and displaying
> it at the receive end. I'm thinking of Web cam type transmissions over
> normal SSB voice bandwidth using soundcard software like the IZ8BLY
> program from ON1AIJ's web site on http://users.pandora.be/ON1AIJ/
>
> Any info appreciated.
> --
> Roger Basford
> (G3VKM)

Hello,

look for the latest ZL2AFP software with "fm...", and you are on your
way...

73 Klaus, DL4KCK

2247. Wanted: PacComm Add-on Packet TNC for PacTor Controller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 17:09:03 UTC
From: Mike Pupeza <mpupeza@sympatico.ca>
Message-ID: <B82E78DE.10059%mpupeza@sympatico.ca>
Source record: 7485
Cross-posted to: alt.ham-radio.packet,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hi All;
I am looking for the add-on TNC kit for the PacComm Pactor Controller.
This unit was made in the early 90's and added packet capability to the HF
Pactor Controller which already worked for Amtor and RTTY!
Does anyone have one of these units sitting around?
My Controller already has the faceplate and switch for this mod.
PacComm, apparently, no longer support ANY of their Pactor products!
TIA
73
Mike VE3EQP.....>

2248. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 17:33:54 UTC
From: gervais <gfillio1@globetrotter.net>
Message-ID: <6w8O7.1380$R96.1162024@carnaval.risq.qc.ca>
Source record: 7486
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

hi all,
i happen to have a pk here in the radio corner.
i dont have read much the owner manual i must say but i wonder if i could
use it has a gateway between hf and vhf .
here packet radio is falling a part ,like many places,nodes are closing ,and
i wonder with a radio/gateway i could reach regions far a way to permit to
my ham community to have fun

let me know your friendly piece of advise about it.

gervais,ve2ckn
le bic,quebec (eastern quebec)
ve2ckn@rac.ca

2249. Re: Narrow Band TV

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-01 19:39:30 UTC
From: Roger Basford <Basford@btinternet.com>
Message-ID: <6nns$RByHTC8EwMo@btinternet.com>
Source record: 7487

In message <3C08DA70.B344A8A6@t-online.de>, Klaus Kramer
<DL4KCK@t-online.de> writes
>Roger Basford schrieb:
>>
>> Hi,
>>
>> There is a current thread on this group about mechanical TV, or Narrow
>> Band TV. I was wondering if there are any electronic implementations of
>> this system as the Web sites I've looked at regarding NBTV seem to
>> concentrate on mechanical methods of scanning the picture and displaying
>> it at the receive end. I'm thinking of Web cam type transmissions over
>> normal SSB voice bandwidth using soundcard software like the IZ8BLY
>> program from ON1AIJ's web site on http://users.pandora.be/ON1AIJ/
>>
>> Any info appreciated.
>> --
>> Roger Basford
>> (G3VKM)
>
>Hello,
>
>look for the latest ZL2AFP software with "fm...", and you are on your
>way...
>
>73 Klaus, DL4KCK
Hi Klaus,

Many thanks for that, I found the software OK and it seem to work fine!
Do you know if it is suitable for SSB use, or is it better used on FM
rigs?

Regards,
--
Roger Basford
(G3VKM)

2250. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-02 10:32:29 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna0k0pt.s4t.nomail@linux.pe1chl.ampr.org>
Source record: 7488

ke6cqk <fbyvgba-QRYRGR@cnpvsvp-GUVF.arg> wrote:
>"Dana H. Myers" <dana@dioxine.com> wrote:

>>Actually, APRS for chatting is kinda cool, I've done it several times
>>with a TM-D700 while mobile and it was remarkably good.

>I am having a tough time contacting people who are only about 120
>miles from me and there seems to be enough digipeaters between me and
>them.

Of course chatting via APRS is *extremely inefficient* in an environment
like that.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+--------------------------------------+

2251. Re: PK232 not receiving HF digital

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-03 02:32:45 UTC
From: harryhydro@hotmail.com
Message-ID: <10e8ec27.0112021832.592421f6@posting.google.com>
Source record: 7489
Cross-posted to: alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc

"gervais" <gfillio1@globetrotter.net> wrote in message
news:<6w8O7.1380$R96.1162024@carnaval.risq.qc.ca>...
> hi all,
> i happen to have a pk here in the radio corner.
> i dont have read much the owner manual i must say but i wonder if i could
> use it has a gateway between hf and vhf .
> here packet radio is falling a part ,like many places,nodes are closing ,and
> i wonder with a radio/gateway i could reach regions far a way to permit to
> my ham community to have fun
>
> let me know your friendly piece of advise about it.
>
> gervais,ve2ckn
> le bic,quebec (eastern quebec)
> ve2ckn@rac.ca

Hi:
Do you have a PK232? This one has a manual button to switch to 2
different radios. I'm sure there are other TNCs that can do this
automatically.. eBay probably has them!
Have you tried listening to 144.390? That's a super-loaded APRS
freq this way. Most messages go around unproto (round table). If
nothing is there, you might try 10.151 LSB.. This is HF APRS..
Here's something fun to look at! http://www.findu.com . Alot of good
APRS tracking stuff..
Take Care!
Harry KB2MEN

2252. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-03 15:03:14 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3C0B9432.B80D219B@crosslink.net>
Source record: 7490

ke6cqk wrote:
>
> "J. Duffy Beischel" <duffyb01@fuse.net> wrote:
>
> > I find the documentation written by the software authors to be rather poor.

> I do not know where to find documentation, but I agree with you, the
> documentation written by the the author of the program is really bad.

It's axiomatic in the SW industry: the better the programmer the worse
his/her documentation. Sorry, can't help. Maybe you could figure it out
and write a user-oriented manual ... ??? ;o)
cheers
KA3DWW

2253. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-03 23:11:02 UTC
From: Robin Gilks <g8ecj@gb7ipd.ampr.org>
Message-ID: <7q0hu9.q6p.ln@news.freeserve.net>
Source record: 7491

ke6cqk wrote:

> "Dana H. Myers" <dana@dioxine.com> wrote:
>
>>Actually, APRS for chatting is kinda cool, I've done it several times
>>with a TM-D700 while mobile and it was remarkably good.
>
> I am having a tough time contacting people who are only about 120
> miles from me and there seems to be enough digipeaters between me and
> them.

Think about the maths

If each digi manages to pass 70% of its traffic correctly and you have 4 of them in your link then the chance of a single packet getting across all 4 of them is

.7 x .7 x .7 x .7 = .24 = less than a quarter make it.

Something to be said for connected mode...

--
Robin

Internet: g8ecj@abmdata.demon.co.uk http://www.gb7ipd.freeserve.co.uk/
Anorak mode = Shack: (+44) 1628 533311 Fax: (+44) 8700 516573
Club pages (g4xyw modem etc) at http://www.tvipug.org

2254. Re: Explain APRS's Attraction? (fwd)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-04 00:58:32 UTC
From: "Joe Bramblett, KD5NRH" <kd5nrh@kd5nrh.net>
Message-ID: <5419F363CA2CD3CA.BA15A6DD270385ED.60091C50AE0C4CB0@lp.airnews.net>
Source record: 7492

On Fri, 02 Nov 2001 04:21:56 GMT, "Dana H. Myers" <dana@dioxine.com>
wrote:

>Actually, APRS for chatting is kinda cool, I've done it several times
>with a TM-D700 while mobile and it was remarkably good.

Actually, the best use I found for it was to communicate while several
people are DFing a lid on the repeaters; you only have to give your
bearing, since everybody can see your position, and the odds that the
bozo will be able to receive your comms are pretty low.

Joe Bramblett, KD5NRH
kd5nrh@kd5nrh.net

2255. Re: APRS software with high quality detailed street level maps

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-04 13:27:06 UTC
From: ckg@osu.edu
Message-ID: <3c0cced8.433974261@nntp.service.ohio-state.edu>
Source record: 7493

On Mon, 26 Nov 2001 08:01:20 GMT, "Michael" <hkc2001@pacbell.net>
wrote:

>All APRSers,
>
>Check out the APRSPoint software on www.aprspoint.com. It utilizes Microsoft
>MapPoint to provide high quality, detailed street map data, and it
>integrates MapPoint in an easy to use interface. You can do address lookup,
>point to point routing with MapPoint, and it offers better maps than Street
>Atlas. Right now you can get Microsoft MapPoint trial version for $9.95 for
>60 days. APRSPoint implements the latest APRS standard, and supports
>position, status and weather reporting. You can also do APRS messaging with
>it. It supports AGW packet engine to use sound card as TNC in addition to
>standard serial TNCs. It does station tracking, signal range plot and has
>GPS tracking capabilities. For details, go to the website and get the free
>APRSPoint trial software. thx.

The software cost $249.00...a bit much for a map program.

_____
Christopher K. Greenhalgh, N8WCT
AX.25: n8wct@w8cqk.#cmh.oh.usa.noam

"It's just about going fast...that's all...
http://home.columbus.rr.com/n8wct"

2256. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-04 20:40:01 UTC
From: Don Strom <dvstrom@netsync.net>
Message-ID: <u0qdahdpgs83f2@corp.supernews.com>
Source record: 7494

Does any one know how to add a new internet server to the list, the www.aprs.net does not work but www.findu.com will work but it is not on the list.
Thank you Don WB2NRB in Jamestown NY

2257. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-04 22:05:37 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <VJrmsqAxiUD8EwTu@peaksys.co.uk>
Source record: 7495

In article <u0qdahdpgs83f2@corp.supernews.com>, Don Strom
<dvstrom@netsync.net> writes
>Does any one know how to add a new internet server to the list, the
>www.aprs.net does not work but www.findu.com will work but it is not on the
>list.

Edit aprserve.txt?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2258. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 02:07:29 UTC
From: Don Strom <dvstrom@netsync.net>
Message-ID: <u0r0gi98ut2mda@corp.supernews.com>
Source record: 7496

Thank you for the reply:
Wear can I find info on editing aprserve.txt? I tried to edit it by
just changing the server address in the file aprserve.txt but then the
program would not run..
Thanks: Don.

2259. J-Pole Antennas From 10m - 1.2gigs AS SEEN IN WORLDRADIO

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 04:33:54 UTC
From: nospam@sorry.net
Message-ID: <3c0da384.63347000@news-server.houston.rr.com>
Source record: 7497

Amateur Radio Antennas Made By Amateur Radio Operators
Our Mission Is To Bring You Quality VHF / UHF Antennas
At A Great Price
we feature a complete line of ready to use J-Antennas. The
frequencies we stock and that are not considered
special order are 1.2 ghtz, 70 cm, 1.25 meters, 2 meters/70cm, 2
meters/1.25 meters/70cm tri-band, 6 meters, and
10 meters.
We will make an antenna for any frequency from 10 meters to 2.4
Gigahertz to fill any need.(What is considered a
special order antenna) they would be antennas for sound systems,
marine or aircraft frequencies, commercial FM
frequencies, cell phone frequencies, any antenna not listed as
standard stock ham band antennas !
Where you need a "J" antenna, we will
help!
We have sold over 9000 antennas to date !
AS SEEN IN WORLDRADIO !
STARTED MAKING ANTENNAS ABOUT 1994
THESE ANTENNAS HAVE BEEN USED FOR THE PAST 4 SUPERBOWLS, NBC
STUDIOS IN
HOLLYWOOD, ALSO CBS AND ABC...USED AT LAST YEARS MTV MUSIC AWARDS,
ALSO THE TV
SHOW , DAYS OF OUR LIVES , AND THE ROSEY O'DONELL
SHOW.
WE MAKE THE "J" TYPE ANTENNA IN COPPER, AND A ROLL UP STEALTH
VERSION, WILL CUSTOM
TUNE A "J" ANTENNA FOR ANY FREQUENCY FROM 10 METERS TO 1.2
GIG.....

SEE US AT :
http://home.houston.rr.com/w5met/antenna.html

2260. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 08:26:52 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <cQ00ahAMpdD8EwjI@peaksys.co.uk>
Source record: 7498

In article <u0r0gi98ut2mda@corp.supernews.com>, Don Strom
<dvstrom@netsync.net> writes
>Thank you for the reply:
> Wear can I find info on editing aprserve.txt? I tried to edit it by
>just changing the server address in the file aprserve.txt but then the
>program would not run..

1. Edit in with a plain text editor, e.g. Notepad, not with a word
processor that is going to put crap in it.

2. Read the comments in it about using tabs to separate the fields -
this bit:-

! ! ! Fields must be seperated by TAB ! ! !

I don't even use WinAPRS, but scanning the docs - the original subject
of criticism in this thread - was sufficient for me to find out how to
do it.

So in reply to this comment someone made "It's axiomatic in the SW
industry: the better the programmer the worse his/her documentation", I
would say - "It's axiomatic in the ham radio SW industry: no matter what
documentation you write, radio hams won't read it."

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2261. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 11:11:47 UTC
From: Don Strom <dvstrom@netsync.net>
Message-ID: <u0s0dammlsoo6e@corp.supernews.com>
Source record: 7499

Thank you Roger for taking the time to help me.
I did read that in the docs about using the tab to separate the fields
and I used notepad to edit it . It looks to me like the file aprserve.txt is
some other format , it is mostly symbols , just a few words.
Thank you: Don

2262. Wiring a cable for Kenwood - MFJ connection

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 12:11:03 UTC
From: Brian Haren <bharen@bellsouth.net>
Message-ID: <K%nP7.90543$8n4.6147795@e3500-atl1.usenetserver.com>
Source record: 7500

All,

I'm trying to figure out how to wire the interface cable for a Kenwood TM-G707A to MFJ 1270C connection. The wiring diagram on shown on Bux.com does not jive with the pin-outs in the Kenwood users manual, and not being an electronics guru I'm having trouble figuring it out. I've got the Kenwood mini-DIN PG-5A connector cable and the MFJ TNC connector cable/plug. If anyone has ever wired one and can help me I'd really appreciate it!

Thanks

Brian
W8BYH

2263. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-05 15:49:25 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna0sgg5.qpf.nomail@linux.pe1chl.ampr.org>
Source record: 7401

Don Strom <dvstrom@netsync.net> wrote:
>Thank you Roger for taking the time to help me.
> I did read that in the docs about using the tab to separate the fields
>and I used notepad to edit it . It looks to me like the file aprserve.txt is
>some other format , it is mostly symbols , just a few words.
>Thank you: Don

Then you (or someone else) probably already destroyed it by editing using a
word processor... or it is linefeed-separated, something that notepad
does not understand. Try "wordpad" instead.

About using TAB: beware that some text editors don't support tabs and
"help" the user by expanding them using spaces. Of course this destroys
the file. It may well be that Notepad does that.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+--------------------------------------+

2264. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 06:03:06 UTC
From: Don Strom <dvstrom@netsync.net>
Message-ID: <u0u2mrol1ge712@corp.supernews.com>
Source record: 7402

Thanks Rob:
The file I had was corrupt to start with , I didn't see what it should
look like till Roger Baker sent me a good copy of it by email this morning .
I put his copy in and it worked fine.
Thank you for taking the time to help me.
Don WB2NRB

2265. prueba

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 08:04:01 UTC
From: lu7fdz@profarnet.com.ar
Message-ID: <922ed30b.0112060004.23eb7d7b@posting.google.com>
Source record: 7403

test

2266. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 13:27:04 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <1103_1007645224@news.fuse.net>
Source record: 7404

Boy, I disagree with that statement completely. Good, quality programmers document their code completely and properly. Code that is not documented because useless rather quickly since no one else can figure
out how to maintain/enhance. However, this is user documentation that I am referring to. With the license fee they charge for that program, I would expect proper and complete user documentation. Since I am not
selling the program and making money off it, I sure as heck am not going to spend the time to write user documentation. But then again, maybe some other kind soul has. That's what the original question was.

However, it is no longer that important anymore. I really use UI-View which is an excellent program and the author charges a very reasonable fee for his work. I no longer need the doc for WinAPRS since I found a
more user friendly program with UI-View.

Cheers,

Duffy

On Mon, 03 Dec 2001 10:03:14 -0500, OldBiker <vito@crosslink.net> wrote:
> ke6cqk wrote:
> >
> > "J. Duffy Beischel" <duffyb01@fuse.net> wrote:
> >
> > > I find the documentation written by the software authors to be rather poor.
>
> > I do not know where to find documentation, but I agree with you, the
> > documentation written by the the author of the program is really bad.
>
> It's axiomatic in the SW industry: the better the programmer the worse
> his/her documentation. Sorry, can't help. Maybe you could figure it out
> and write a user-oriented manual ... ??? ;o)
> cheers
> KA3DWW

J. Duffy Beischel - Amateur Radio WB8NUT

Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners
and the vast Right Wing conspiracy to get the Clintons

"If the government owned all the guns, would we still be a free people?"

2267. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 14:19:17 UTC
From: Bob <robert.fay@unisys-nospam.com>
Message-ID: <9unup6$1578$1@si05.rsvl.unisys.com>
Source record: 7405

I agree with Duffy's statement that UI-View is by far the best program out for APRS that I have found. Also nobody should complain about the registration fee as it is very reasonable.
Bob Fay WC0D

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message news:1103_1007645224@news.fuse.net...
> Boy, I disagree with that statement completely. Good, quality programmers document their code completely and properly. Code that is not documented because useless rather quickly since no one else can figure
> out how to maintain/enhance. However, this is user documentation that I am referring to. With the license fee they charge for that program, I would expect proper and complete user documentation. Since I am not
> selling the program and making money off it, I sure as heck am not going to spend the time to write user documentation. But then again, maybe some other kind soul has. That's what the original question was.
>
> However, it is no longer that important anymore. I really use UI-View which is an excellent program and the author charges a very reasonable fee for his work. I no longer need the doc for WinAPRS since I found a
> more user friendly program with UI-View.
>
> Cheers,
>
> Duffy

2268. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 17:49:25 UTC
From: OldBiker <vito@crosslink.net>
Message-ID: <3C0FAFA5.D1E5B5E3@crosslink.net>
Source record: 7406

"J. Duffy Beischel" wrote:
>
> Boy, I disagree with that statement completely. Good, quality programmers document their code completely and properly. ...

Only if they are Shriners, et al like yourself. In 30 years managing
military systems development programs I seldom found good SW
documentation. Each/every programmer thot his/her documentation was
great but users and QA/CM always thot the opposite.

> .... Since I am not
> selling the program and making money off it, I sure as heck am not going to spend the time to write user documentation. But then again, maybe some other kind soul has. That's what the original question was.

Why expect anyone else to be more helpful than you are willing to be?
Besides, if the SW was as good as you once said you could have sold the
wonderful doc.s I suggested ... ;o)

> On Mon, 03 Dec 2001 10:03:14 -0500, OldBiker <vito@crosslink.net> wrote:
> > It's axiomatic in the SW industry: the better the programmer the worse
> > his/her documentation. .... Maybe you could figure it out
> > and write a user-oriented manual ... ??? ;o)

2269. putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 22:17:05 UTC
From: wd4nmq@earthlink.net
Message-ID: <3C0FEE98.D3ECEB6F@earthlink.net>
Source record: 7407

I have an original PK-232, non-MBX, with Dec.88 release software. I want
to put it in kiss mode and I have a question. The manual says that you
to give several commands ending with
kiss on
host on
However, after the kiss on command the 232 does give a command prompt
again. So, how does it get the host on command?
I am trying to get ax.25 working under Linux and want to know if the 232
is actually in kiss mode.

jeff, wd4nmq
wd4nmq@earthlink.net

2270. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-06 23:02:30 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna0vu86.6tg.nomail@linux.pe1chl.ampr.org>
Source record: 7408

wd4nmq@earthlink.net <wd4nmq@earthlink.net> wrote:
>I have an original PK-232, non-MBX, with Dec.88 release software. I want
>to put it in kiss mode

I would strongly advise against that. The KISS mode in that software is
buggy. When you are on a busy channel it will send corrupted packets.

Get software for the MBX version (late '89 if I remember well), or later.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+--------------------------------------+

2271. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 01:11:32 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <8HUP7.212595$3d2.9582658@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7409

"Rob Janssen" <nomail@pe1chl.ampr.org> wrote in message
news:slrna0vu86.6tg.nomail@linux.pe1chl.ampr.org...
> wd4nmq@earthlink.net <wd4nmq@earthlink.net> wrote:
> >I have an original PK-232, non-MBX, with Dec.88 release software. I want
> >to put it in kiss mode
>
> I would strongly advise against that. The KISS mode in that software is
> buggy. When you are on a busy channel it will send corrupted packets.
>
> Get software for the MBX version (late '89 if I remember well), or later.

I think the first MBX version also had the KISS bug.
(Spent some time working with 'em about that bug.)

For certain it is all ok in later versions, beyond the very first MBX release.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2272. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 02:59:45 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <1104_1007693985@news.fuse.net>
Source record: 7410

I am sorry, I should have noted more exceptions to my statement. Government programmers, like most government employees, do not necessarily do a good job and therefore may not properly document the code
that they write. I would agree with your statements.

Duffy

On Thu, 06 Dec 2001 12:49:25 -0500, OldBiker <vito@crosslink.net> wrote:
> "J. Duffy Beischel" wrote:
> >
> > Boy, I disagree with that statement completely. Good, quality programmers document their code completely and properly. ...
>
> Only if they are Shriners, et al like yourself. In 30 years managing
> military systems development programs I seldom found good SW
> documentation. Each/every programmer thot his/her documentation was
> great but users and QA/CM always thot the opposite.
>
> > .... Since I am not
> > selling the program and making money off it, I sure as heck am not going to spend the time to write user documentation. But then again, maybe some other kind soul has. That's what the original question was.
>
> Why expect anyone else to be more helpful than you are willing to be?
> Besides, if the SW was as good as you once said you could have sold the
> wonderful doc.s I suggested ... ;o)
>
> > On Mon, 03 Dec 2001 10:03:14 -0500, OldBiker <vito@crosslink.net> wrote:
> > > It's axiomatic in the SW industry: the better the programmer the worse
> > > his/her documentation. .... Maybe you could figure it out
> > > and write a user-oriented manual ... ??? ;o)

J. Duffy Beischel - Amateur Radio WB8NUT

Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners
and the vast Right Wing conspiracy to get the Clintons

"If the government owned all the guns, would we still be a free people?"

2273. Email to Packet Network

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 03:08:14 UTC
From: Darren Oh <darrenoh@collegemail.com>
Message-ID: <3C10329D.C832500F@collegemail.com>
Source record: 7411

My friend in Nicaragua is trying to use the AirMail program. It
requires him to enter his call sign and select a packet server from a
list. When he connects, it automatically downloads and uploads mail.
Neither of us is sure where the mail comes from or where it's going. Is
it possible to send email from the Internet to someone on a packet
network? If so, what email address would correspond to his call sign?
If the answers depend on the program he is using, does anyone know where
to get specific information about the AirMail program?

2274. Re: WinAPRS Documentation

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 03:31:34 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <qKWP7.252697$W8.9295105@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7412

"ke6cqk" <fbyvgba-QRYRGR@cnpvsvp-GUVF.arg> wrote in message
news:looi0ug0qan8rljkhm3ukg0d0l6c4afj8d@4ax.com...
> "J. Duffy Beischel" <duffyb01@fuse.net> wrote:
>
> >Does anyone know of any WinAPRS documentation that may have been written by
> >a thrid party and not the authors? I find the documentation written by the
> >software authors to be rather poor. If anyone knows of another source, I
> >would appreciate it.
> >
> >Thanks!
>
> I do not know where to find documentation, but I agree with you, the
> documentation written by the the author of the program is really bad.

There is only one way to get good documentation:
someone other than the author(s) of the code must write it.

(General observation after 30 years programming and managing programmers.)

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2275. Re: Email to Packet Network

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 03:34:03 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <LMWP7.252702$W8.9297404@bgtnsc04-news.ops.worldnet.att.net>
Source record: 7413

www.google.com
Enter "Airmail" into the search box.

It somewhat depends on which provider he uses,
but the google search will show you all the different providers.

Nothing much to do with ham radio, Airmail is a commercial service.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.
They will seek and kill,
the evil we have found.

http://horedson.home.att.net

"Darren Oh" <darrenoh@collegemail.com> wrote in message
news:3C10329D.C832500F@collegemail.com...
> My friend in Nicaragua is trying to use the AirMail program. It
> requires him to enter his call sign and select a packet server from a
> list. When he connects, it automatically downloads and uploads mail.
> Neither of us is sure where the mail comes from or where it's going. Is
> it possible to send email from the Internet to someone on a packet
> network? If so, what email address would correspond to his call sign?
> If the answers depend on the program he is using, does anyone know where
> to get specific information about the AirMail program?

2276. Re: Email to Packet Network

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 03:49:49 UTC
From: faunt+usenet@panix.com
Message-ID: <mfrher3vgde.fsf@panix1.panix.com>
Source record: 7414

"Hank Oredson" <horedson@att.net> writes:

> www.google.com
> Enter "Airmail" into the search box.
>
> It somewhat depends on which provider he uses,
> but the google search will show you all the different providers.
>
> Nothing much to do with ham radio, Airmail is a commercial service.
>

What?

Airmail is the user program for the Winlink2000 network.
Definitely amateur radio. And you can send NTS messages via packet
from Airmail.

73, doug

2277. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 09:01:30 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna111ba.c47.nomail@linux.pe1chl.ampr.org>
Source record: 7415

Hank Oredson <horedson@att.net> wrote:

>"Rob Janssen" <nomail@pe1chl.ampr.org> wrote in message
>news:slrna0vu86.6tg.nomail@linux.pe1chl.ampr.org...
>> wd4nmq@earthlink.net <wd4nmq@earthlink.net> wrote:
>> >I have an original PK-232, non-MBX, with Dec.88 release software. I want
>> >to put it in kiss mode

>> I would strongly advise against that. The KISS mode in that software is
>> buggy. When you are on a busy channel it will send corrupted packets.

>> Get software for the MBX version (late '89 if I remember well), or later.

>I think the first MBX version also had the KISS bug.
>(Spent some time working with 'em about that bug.)

>For certain it is all ok in later versions, beyond the very first MBX release.

Yes, that could be. What I am sure of is that there is no non-MBX version
that works correctly in KISS. To fix the KISS problem you had to order an
MBX upgrade.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+-------------------------------------+

2278. Re: Wiring a cable for Kenwood - MFJ connection

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 15:33:34 UTC
From: MVolz <mvolz@houston.rr.com>
Message-ID: <3C10E1A3.8C09645D@houston.rr.com>
Source record: 7416

MFJ sells connectors to all major brands.

Brian Haren wrote:

> All,
>
> I'm trying to figure out how to wire the interface cable for a Kenwood
> TM-G707A to MFJ 1270C connection. The wiring diagram on shown on Bux.com
> does not jive with the pin-outs in the Kenwood users manual, and not being
> an electronics guru I'm having trouble figuring it out. I've got the
> Kenwood mini-DIN PG-5A connector cable and the MFJ TNC connector cable/plug.
> If anyone has ever wired one and can help me I'd really appreciate it!
>
> Thanks
>
> Brian
> W8BYH

2279. Re: Email to Packet Network

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-07 17:06:19 UTC
From: Hank Oredson <horedson@att.net>
Message-ID: <fG6Q7.213406$3d2.9658692@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7417

"Doug Faunt N6TQS +1-510-655-8604" <faunt+usenet@panix.com> wrote in message
news:mfrher3vgde.fsf@panix1.panix.com...
> "Hank Oredson" <horedson@att.net> writes:
>
> > www.google.com
> > Enter "Airmail" into the search box.
> >
> > It somewhat depends on which provider he uses,
> > but the google search will show you all the different providers.
> >
> > Nothing much to do with ham radio, Airmail is a commercial service.
> >
>
> What?
>
> Airmail is the user program for the Winlink2000 network.
> Definitely amateur radio. And you can send NTS messages via packet
> from Airmail.

Did you try the google search?

"AirMail is a radio mail program for sending and receiving messages
via Pactor over HF radio, either via the ham radio system or participating
marine and commercial services. "

(Note the "either" above).

The original post did not specify ham radio, just "airmail".

Mostly that term means one or another of the commercial
providers of HF based internet email access. The google
search will show up links to both the commercial and ham
radio versions of the service. I stand by my point about
it's use in ham radio. The main use is clearly commercial.

You can also search on:
SailMail
MaineNet
BushMail
Saildocs
for more information about the commercial services involved.

--
... Hank

Let loose the cats of war,
sleek and fast and strong.

They will seek and kill,
the evil we have found.

http://horedson.home.att.net

2280. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 10:58:49 UTC
From: lak <lakt@radioland.com>
Message-ID: <9usrpailn1@news.chatlink.com>
Source record: 7418

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
news:1103_1007645224@news.fuse.net...
> Boy, I disagree with that statement completely. Good, quality programmers
document their code completely and properly. Code that is not documented
because useless rather quickly since no one else can figure
> out how to maintain/enhance. However, this is user documentation that I
am referring to. With the license fee they charge for that program, I would
expect proper and complete user documentation. Since I am not
> selling the program and making money off it, I sure as heck am not going
to spend the time to write user documentation. But then again, maybe some
other kind soul has. That's what the original question was.
>

In theory there can exist a "Friction Free Surface" . I worked for AT&T
Network Services back a few years ago, and found this not to be the case.
The source code in-line comments were quickly written in shorthand not
comprehendable by all who read them. Also the documentation he refered to
was the User Guide for which this item is usually an after thought.
Generally, no matter how educated people cannot seem to place their ideas on
paper or in an e-document without leaving important details out, this is why
they need third party review for content.

This is my 2 cents of dribble for this century on this topic.

- lak

2281. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 12:43:55 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna142ob.jps.nomail@linux.pe1chl.ampr.org>
Source record: 7419

lak <lakt@radioland.com> wrote:
>In theory there can exist a "Friction Free Surface" . I worked for AT&T
>Network Services back a few years ago, and found this not to be the case.
>The source code in-line comments were quickly written in shorthand not
>comprehendable by all who read them. Also the documentation he refered to
>was the User Guide for which this item is usually an after thought.
>Generally, no matter how educated people cannot seem to place their ideas on
>paper or in an e-document without leaving important details out, this is why
>they need third party review for content.

A common misunderstanding is that comments and/or code documentation can
tell a new (beginning) programmer how a complex software system works and
can enable him to make changes in it. This is generally not the case.

Software systems often are complex enough to require an amount of insight,
not merely knowledge of a number of facts. The latter can be communicated
in documentation, but the insight is more difficult to communicate that
way.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+---------------------------------+--------------------------------------+

2282. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 13:31:33 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <g897BXA1YhE8Ew+2@peaksys.co.uk>
Source record: 7420

In article <slrna142ob.jps.nomail@linux.pe1chl.ampr.org>, Rob Janssen
<nomail@pe1chl.ampr.org> writes
>lak <lakt@radioland.com> wrote:
>>In theory there can exist a "Friction Free Surface" . I worked for AT&T
>>Network Services back a few years ago, and found this not to be the case.
>>The source code in-line comments were quickly written in shorthand not
>>comprehendable by all who read them. Also the documentation he refered to
>>was the User Guide for which this item is usually an after thought.
>>Generally, no matter how educated people cannot seem to place their ideas on
>>paper or in an e-document without leaving important details out, this is why
>>they need third party review for content.
>
>A common misunderstanding is that comments and/or code documentation can
>tell a new (beginning) programmer how a complex software system works and
>can enable him to make changes in it. This is generally not the case.
>
>Software systems often are complex enough to require an amount of insight,
>not merely knowledge of a number of facts. The latter can be communicated
>in documentation, but the insight is more difficult to communicate that
>way.

For those of us who have been in the industry for 20 years or so, I
think the main function of code documentation/comments is to remind us
of how our own programs work if we don't look at them for a week or two!

I'm not sure whether the ability to clear a program out of my brain is
an acquired skill or an acquired affliction...

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2283. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 13:57:37 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u1473e4pjf5812@corp.supernews.com>
Source record: 7421

User documentation is often best done by a third party in cooperation
with the programmer. This is because the programmer is so familiar
with the software that he often makes incorrect assumptions about how
much the user's know about the product (or even computers in general).
Something that appears to be "common sense" to the programmer may
leave the user without a clue.

2284. Packet Cluster Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 15:42:26 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u14d7udatgon33@corp.supernews.com>
Source record: 7422

Some years ago there was a DOS program that monitored the packet cluster (unconnected) and displayed the spots. Any one know of a Windows program that works that way?

2285. Re: good SW - Bad Doc's (was WinAPRS Documentation)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-08 22:33:17 UTC
From: jeff <wd4nmq@earthlink.net>
Message-ID: <3C129578.48724F4D@earthlink.net>
Source record: 7423

Programmers Rule #5:
You don't ever comment code. If code was hard to write, it should be
hard to understand, and even harder to modify.
:-)

"J. Duffy Beischel" wrote:
>
> I am sorry, I should have noted more exceptions to my statement. Government programmers, like most government employees, do not necessarily do a good job and therefore may not properly document the code
> that they write. I would agree with your statements.
>
> Duffy
>
> On Thu, 06 Dec 2001 12:49:25 -0500, OldBiker <vito@crosslink.net> wrote:
> > "J. Duffy Beischel" wrote:
> > >
> > > Boy, I disagree with that statement completely. Good, quality programmers document their code completely and properly. ...
> >
> > Only if they are Shriners, et al like yourself. In 30 years managing
> > military systems development programs I seldom found good SW
> > documentation. Each/every programmer thot his/her documentation was
> > great but users and QA/CM always thot the opposite.
> >
> > > .... Since I am not
> > > selling the program and making money off it, I sure as heck am not going to spend the time to write user documentation. But then again, maybe some other kind soul has. That's what the original question was.
> >
> > Why expect anyone else to be more helpful than you are willing to be?
> > Besides, if the SW was as good as you once said you could have sold the
> > wonderful doc.s I suggested ... ;o)
> >
> > > On Mon, 03 Dec 2001 10:03:14 -0500, OldBiker <vito@crosslink.net> wrote:
> > > > It's axiomatic in the SW industry: the better the programmer the worse
> > > > his/her documentation. .... Maybe you could figure it out
> > > > and write a user-oriented manual ... ??? ;o)
>
> _____
> J. Duffy Beischel - Amateur Radio WB8NUT
>
> Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners
> and the vast Right Wing conspiracy to get the Clintons

>
> "If the government owned all the guns, would we still be a free people?"
> --

--
jeff, wd4nmq
wd4nmq@earthlink.net
http://home.earthlink.net/~wd4nmq

2286. Re: Email to Packet Network

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 05:08:48 UTC
From: jflanders2@home.com
Message-ID: <3c12f176.43106740@NEWS>
Source record: 7424

http://www.arrl.org/tis/info/pdf/0003090.pdf

Also, search google on airmail AND k4cjx and you will get the appropriate information and links. It appears that some commercial enterprise is now using the name "airmail" for its service, which confuses. Jim Corenmen, KE6RK, wrote the ham freeware you will need (Airmail2000).

I have been using the Winlink system for several years now when I am on the road in the camper and the email system works very well as long as you are within range of a base station and can connect. There are perhaps a couple dozen base stations, worldwide.

It is VERY popular with ham sailers at sea. There used to be an email list for it, but that went kaput.

You will address messages to your friends using their conventional email addresses, and they will just reply to your Winlink address, which will start with your callsign.

Winlink is NOT a "packet" network. It uses PACTOR, and data transfer takes place slowly (100 or 200 baud, but usually there is some compression, which helps).

Jerry W4UK

On Fri, 07 Dec 2001 03:08:14 GMT, Darren Oh <darrenoh@collegemail.com> wrote:

>My friend in Nicaragua is trying to use the AirMail program. It
>requires him to enter his call sign and select a packet server from a
>list. When he connects, it automatically downloads and uploads mail.
>Neither of us is sure where the mail comes from or where it's going. Is
>it possible to send email from the Internet to someone on a packet
>network? If so, what email address would correspond to his call sign?
>If the answers depend on the program he is using, does anyone know where
>to get specific information about the AirMail program?

2287. Ham website

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 07:33:29 UTC
From: Albert Aerts <no@spam.be>
Message-ID: <3c131321$0$24136$ba620e4c@news.skynet.be>
Source record: 7425

Please visit "The Aerts Family homepage" featuring amateur radio, PSK31,
antique radios and cameras, pictures of Scotland, cooking.

http://www.aerts.nu

2288. SkySweeper 2.6 (MIL-ALE & ACARS)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 12:06:36 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <gtIQ7.5715$zZ5.115950@news.kpnqwest.fi>
Source record: 7426

There seems to be a new version of Skysweeper in www.skysweep.com

At least following new things:

-MIL-ALE decoder FS-1045A/MIL-STD-188-141A
-ACARS (decoder supports both ARINC 618-5 and 620-4 specifications)
-Some other improvments

-artsi

2289. Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 15:29:07 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <0FwufQADN4E8EwPQ@peaksys.co.uk>
Source record: 7427

What is the thinking behind programs that leave a TNC in a proprietary host mode when the user exists the program? For instance, PakRatt does it and PacTerm does it. I know both programs have an option to return to terminal mode before exiting, but wouldn't it be more user friendly to make that the default?

Is there a good reason, that I'm missing, for defaulting to leaving the TNC in host mode? (Other than to make it difficult to use with other applications that don't use host mode! ;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2290. Re: Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 18:14:10 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u17aggg131rn7d@corp.supernews.com>
Source record: 7428

> What is the thinking behind programs that leave a TNC in a
proprietary
> host mode when the user exists the program?

That's the problem, not thinking :-) It does get rather difficult to know how to leave the TNC when a program exits because it is often difficult to quickly find out how it was set before the software reconfigures it. Some programs have a file that plays a macro just prior to exiting - allowing you to customize how you would like the TNC set after exit.

2291. Can I decode a wav file on my pc with SB Live?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 20:20:20 UTC
From: n2lak@att.net
Message-ID: <25dbd022.0112091220.12d04392@posting.google.com>
Source record: 7429

I have a UPC bar code scanner that uploads to a computer via an audio
coupler
to a telephone handset. I recorded the data to a wav file. Can I loop
a line out to line in on the sound blaster card and run some pc
decoder to read the data?
Thanks
Dave N2LAK

2292. New FREE HAM RADIO AUCTION SITE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 22:09:04 UTC
From: nospam@sorry.net
Message-ID: <3c13e116.18377180@news-server.houston.rr.com>
Source record: 7430

New FREE HAM RADIO AUCTION SITE
New FREE HAM RADIO AUCTION SITE
Post ALL YOU want for free no fees to post or sell lets help make this
site grow
http://scripts.cgispy.com/auctions/auction.pl?user=w5met

2293. SKYSWEEPER - Comments?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-09 23:38:27 UTC
From: Pete Ritter <cpritter@attbi.com>
Message-ID: <TBSQ7.24168$ER5.300233@rwcrnsc52>
Source record: 7431

Anyone who has used SKYSWEEPER

www.skysweep.com

care to comment on it?

--
**
** This space for hire
**

2294. Re: PCPakRatt 2.1 and Win2k Pro ?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 01:52:02 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <yvUQ7.98949$lV4.13498559@e420r-atl1.usenetserver.com>
Source record: 7432

Ken,

PakRatt was never designed for Windows NT/2000/XP. We also discontinued
sales and support of it in June, 2001.

You can upgrade to the 32 bit Pkterm for only $50.00 from PakRatt, and it
will work under 32 and 64 bit versions of Windows and you wont run into the
issues you're having with PakRatt under the NT techonology.

Rick - W4PC
http://www.cssincorp.com/pkterm

"KenW" <w2bdp@home.com> wrote in message
news:48571u893dal9emc59j654efre0tbpcbqb@4ax.com...
> Has anyone got this to work ? It crashes when I use the scroll back
> buffer.
> My thought is that a dll got updated somewhere and the program doesn't
> like it.

2295. Re: SKYSWEEPER - Comments?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 19:08:53 UTC
From: Bill Booth <710138@ican.net>
Message-ID: <9L7R7.42693$qN2.64174147@news.tor.primus.ca>
Source record: 7433

I have looked at it as well. But for the life of me I cannot see just what
it does. I thought it decoded some APT stuff but after looking it over I
think it just looks at the signal and tells you if you in the middle of it.

Maybe I am missing something as well..

Biii
VE3NXK

"Pete Ritter" <cpritter@attbi.com> wrote in message
news:TBSQ7.24168$ER5.300233@rwcrnsc52...
> Anyone who has used SKYSWEEPER
>
> www.skysweep.com
>
> care to comment on it?
>
> --
> **
> ** This space for hire
> **

2296. Re: SKYSWEEPER - Comments?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 20:01:47 UTC
From: Arto Peltomaki <artsi@estla.pp.fi>
Message-ID: <Lw8R7.5848$zZ5.117819@news.kpnqwest.fi>
Source record: 7434

Pete Ritter <cpritter@attbi.com> wrote in message
news:TBSQ7.24168$ER5.300233@rwcrnsc52...
> Anyone who has used SKYSWEEPER
>
> www.skysweep.com
>
> care to comment on it?
>
> --
> **
> ** This space for hire
> **

I have used it now almost for a year from the earliest versions.
During last months I have noticed that there have been several very positive
articles about skysweeper in major European shortwave magazines.
The basic idea of it is that it allows you to build with blocks receiver or
transmitter architecture whatever you like (including multiple decoders,
filters, mixers FFT displays etc.)

It also provides quite sophisticated "traditional" user interface for two
way communication called 'Chat Box' including predefined macros etc.
I have several other programs too, and I have to say skysweeper decoders are
top class and very easy to use (including this new ACARS).

It still misses SSTV and HELL transmission modes and radio control features
and I hope those will be also included in some of the next releases.

But, that was my opinion. I think the best way is just to download it and
test it's free modes (MFSK16 is still free I guess..)

-artsi

2297. Re: Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 20:07:02 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <qw8R7.109825$S93.5829647@e3500-atl2.usenetserver.com>
Source record: 7435

Roger,

We got complants on both, returning it to terminal mode and leaving it in
host mode.. so we just gave them the option and set the default to leave
host on since that would be quicker for a host mode program to start.

Rick - W4PC

"Roger Barker" <roger@peaksys.co.uk> wrote in message
news:0FwufQADN4E8EwPQ@peaksys.co.uk...
> What is the thinking behind programs that leave a TNC in a proprietary
> host mode when the user exists the program? For instance, PakRatt does
> it and PacTerm does it. I know both programs have an option to return to
> terminal mode before exiting, but wouldn't it be more user friendly to
> make that the default?
>
> Is there a good reason, that I'm missing, for defaulting to leaving the
> TNC in host mode? (Other than to make it difficult to use with other
> applications that don't use host mode! ;-)
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.UI-View.com
> For WinPack go to - http://www.peaksys.co.uk

2298. Re: Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 20:26:40 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <ZO8R7.110054$S93.5834618@e3500-atl2.usenetserver.com>
Source record: 7436

Bob,

We do

Under File/Mode, if the user checks 'Return to terminal mode on exit' then
when Pacterm/Pkterm/MCH exit, they put the TNC back in terminal mode.

Yes, I did think about this before I implimented it :)

"Bob Lewis (AA4PB)" <rlewis@staffnet.com> wrote in message
news:u17aggg131rn7d@corp.supernews.com...
> > What is the thinking behind programs that leave a TNC in a
> proprietary
> > host mode when the user exists the program?
>
> That's the problem, not thinking :-) It does get rather difficult to
> know how to leave the TNC when a program exits because it is often
> difficult to quickly find out how it was set before the software
> reconfigures it. Some programs have a file that plays a macro just
> prior to exiting - allowing you to customize how you would like the
> TNC set after exit.
>
>
>

2299. Re: Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-10 20:31:19 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <bsE1VhAXuRF8Ewx7@peaksys.co.uk>
Source record: 7437

In article <qw8R7.109825$S93.5829647@e3500-atl2.usenetserver.com>, Rick Ruhl <ricker@cssincorp.com> writes
>Roger,
>
>We got complants on both, returning it to terminal mode and leaving it in
>host mode.. so we just gave them the option and set the default to leave
>host on since that would be quicker for a host mode program to start.

Quicker? How long does it take to put a TNC into host mode? And why would anyone complain that the TNC wasn't left in host mode?

If you saw this situation from the other side - supporting apps that don't use host mode - you would realise what a pain in the backside your default is!

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2300. Re: Leaving TNCs in host mode?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 01:33:39 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <rkdR7.100016$lV4.14119384@e420r-atl1.usenetserver.com>
Source record: 7439

Why dont you just write some code at your startup to see what mode the TNC is, like I did. I check to see if it's in terminal or host mode and set to host mode if it's in terminal mode. If it's in neither, it tries KISS mode, then newuser mode, then goes into host mode from there or errors out if it's in some wierd mode, or if there isn't any communication with the TNC.

If some other program leaves the TNC in KISS mode, or resets it to newuser mode, you're in the same boat.

You init code could check for all the above issues, then switch it to terminal mode when it finds out what mode the TNC is?

Rick - W4PC

"Roger Barker" <roger@peaksys.co.uk> wrote in message news:bsE1VhAXuRF8Ewx7@peaksys.co.uk...
> In article <qw8R7.109825$S93.5829647@e3500-atl2.usenetserver.com>, Rick
> Ruhl <ricker@cssincorp.com> writes
> >Roger,
> >
> >We got complants on both, returning it to terminal mode and leaving it in
> >host mode.. so we just gave them the option and set the default to leave
> >host on since that would be quicker for a host mode program to start.
>
> Quicker? How long does it take to put a TNC into host mode? And why
> would anyone complain that the TNC wasn't left in host mode?
>
> If you saw this situation from the other side - supporting apps that
> don't use host mode - you would realise what a pain in the backside your
> default is!
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.UI-View.com
> For WinPack go to - http://www.peaksys.co.uk

2301. Re: Where can I hear RTTY?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 02:03:55 UTC
From: Lewis Cason <lew_jean@bellsouth.net>
Message-ID: <66dR7.139475$8n4.10260870@e3500-atl1.usenetserver.com>
Source record: 7438
Body handling: Inline uuencoded payload not displayed: Freq Digital Modes.PDF.lnk

```
Here is a list of digital mode frequencies that I have downloaded
You will need Acrobat reader (www.acrobat.com)

Lew
N4HRA
"sstvswl" <sstvswl@home.com> wrote in message
news:qtpN7.55984$RG1.30577034@news1.rdc1.sfba.home.com...
> http://www.rtty.com
>
> Bob Lewis (AA4PB) <rlewis@staffnet.com> wrote in message
> news:u0as8igt9jhpb4@corp.supernews.com...
> >
> > > Set the receiver for lsb...
> >
> > No, set the PRO's mode to RTTY if you want to copy using the built in
> > decoder.
> >
> >
> >
>
>

[Inline uuencoded payload not displayed: Freq Digital Modes.PDF.lnk]
```

2302. Help on Recording Volume Control

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 07:26:47 UTC
From: George <kb0mai@spam.msn.com>
Message-ID: <YwiR7.2416$Lk3.63561@eagle.america.net>
Source record: 7440
Cross-posted to: alt.computer,alt.Windows98,rec.radio.amateur.digital.misc

The other day I found that my sound recorder that is standered on Windows 98 was not working. I could bring it up and it would start recording but it showed that there was no voice being recorded. I check the sound card out and it is working just fine and the mic is ok too. The only thing I have found wrong is this: When I open my volume controls all the sliders for up and down volume for microphone, line in cd play, volume and so on work just fine but my RECORDING VOLUME CONTROL is frozen. The slider is in the middle of high and low but I can not move it up or down. Can someone help? Please! "Thanks"

P.S I trying to work a software program for PSK31 "Ham Radio" and this is the main reason I need to fix the problem with RECORDING VOLUME CONTROL

2303. MFJ1275m

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 20:14:20 UTC
From: Larry Deitcher <kb9ksr@adelphia.net>
Message-ID: <wOtR7.1199$QK1.252698@news1.news.adelphia.net>
Source record: 7441

Does anyone have a copy of mfj1296 radiocom 4 or mfj1298 radiocom 5.

thanks
Larry

2304. Amateur radio sounds.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 22:04:21 UTC
From: "Jim E." <james787@globalserve.net>
Message-ID: <FpvR7.45991$eL5.69098585@news.tor.primus.ca>
Source record: 7442

Here is a link to amateur radio sounds. In .wav file format.

http://det.bi.ehu.es/~jtpjatae/sound.html

Jim
VE3JGE

2305. Re: Help on Recording Volume Control

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 22:40:45 UTC
From: John <fltsatcom@hotmail.com>
Message-ID: <3c168b99_1@news.iprimus.com.au>
Source record: 7443
Cross-posted to: alt.computer,alt.Windows98,rec.radio.amateur.digital.misc

Line in is normally used , the microphone connection is too sensitive.
"George" <kb0mai@spam.msn.com> wrote in message
news:YwiR7.2416$Lk3.63561@eagle.america.net...
> The other day I found that my sound recorder that is standered on Windows
98
> was not working. I could bring it up and it would start recording but it
> showed that there was no voice being recorded. I check the sound card out
> and it is working just fine and the mic is ok too. The only thing I have
> found wrong is this: When I open my volume controls all the sliders for
up
> and down volume for microphone, line in cd play, volume and so on work
just
> fine but my RECORDING VOLUME CONTROL is frozen. The slider is in the
middle
> of high and low but I can not move it up or down. Can someone help?
Please!
> "Thanks"
>
> P.S I trying to work a software program for PSK31 "Ham Radio" and this is
> the main reason I need to fix the problem with RECORDING VOLUME CONTROL
>
>

2306. Re: Can I decode a wav file on my pc with SB Live?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-11 22:40:46 UTC
From: jerko@mac_NOSPAM_.com
Message-ID: <1f49z15.2eb8rrgwmu8eN%jerko@mac_NOSPAM_.com>
Source record: 7444

Dave <n2lak@att.net> wrote:

> I have a UPC bar code scanner that uploads to a computer via an audio
> coupler
> to a telephone handset. I recorded the data to a wav file. Can I loop
> a line out to line in on the sound blaster card and run some pc
> decoder to read the data?
> Thanks
> Dave N2LAK

From Live! point of view - no problem:

Record source should be "What you hear", volume should be 100%.
Play it back and leave program decode stuff. Loopback is 100% digital.

Program.... here I cannot help you. Sorry.

--
Jerko Golubovic
9A6JGJ

APPLE - Think different

2307. amtor/pactor

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-12 12:38:55 UTC
From: Larry Deitcher <kb9ksr@adelphia.net>
Message-ID: <zdIR7.1636$QK1.420840@news1.news.adelphia.net>
Source record: 7445

I am looking for some software that does amtor and pactor software for my mfj 1275m.

larry

2308. tune RTTY with O'scope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-12 18:04:40 UTC
From: DJ <kb5ylg@attglobal.net>
Message-ID: <3c179f05_4@news1.prserv.net>
Source record: 7446
Cross-posted to:
alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

How do I connect an O'Scope and set it to tune RTTY, and other modes? What does it look like when I have tuned it right?

2309. psk on icom 2800h packet port

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-12 19:53:44 UTC
From: Martin <thomas@marmacwire.com>
Message-ID: <cBOR7.246235$HA6.45129279@typhoon.southeast.rr.com>
Source record: 7448

I am trying to use my icom 2800h for psk31(digipan software). The 2800 has a packet port but do not know how the ptt pin is activated. I am not familiar with packet. Can anyone tell me if this port can be used for psk 31?

thanks
tom

2310. Re: tune RTTY with O'scope?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-12 19:56:36 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3C17B674.8291CF08@dialpoint.net>
Source record: 7447
Cross-posted to:
alt.ham-radio.amtor,alt.ham-radio.packet,alt.ham-radio.rtty,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

YOu don't just hook up a scope and tune in digital modes. One way to do it for rtty is to hook the vertical input to the space tone filter and the horizontal input to the mark filter. Depending on how sharp the filters are you will see anywhere from a near horizontal line to almost a circle when the mark tone is tuned in correct. Then as the tones shift to space you will see the same thing in the vertical plane. If the tones are alternating as the station is sending data then you will have a cross patern. There are other ways to do it and get other paterns but this is the easy way to do it.

DJ wrote:
>
> How do I connect an O'Scope and set it to tune RTTY, and other modes? What
> does it look like when I have tuned it right?

2311. Re: How to reduce laptop radio noise...?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 00:20:40 UTC
From: Jim Deane <jimdeane@hot_nospam_mail.com>
Message-ID: <3C17F458.8060702@hot_nospam_mail.com>
Source record: 7449

Any good idea what the frequency of the interference is? Most laptops use a dc-ac converter to power their fluorescent backlighting. I would suspect that to be the source of your interference.

The simple solution would be to move it away from the xcvr; otherwise, you might try using aluminum tape to cover the entire display (except the screen, of course) to try to rf shield it. Might reduce the noise output...

Jim

KG4NEL wrote:

> Hello.
>
> Currently, I've got an old Dell Latitude XPi 120 mHz laptop with an
> Altec Lansing outboard sound card in the shack...and I'm having some
> problems.
>
> Every time I turn the laptop on, a high-pitched whine is noticable on
> the radio, which is about 2 feet away from the laptop and runs off the
> same power outlet. I've narrowed it down to the laptop's monitor as
> the culprit, because the sound card by itself is quiet, and when I
> tilt the screen down or away from the radio, the whine goes away. The
> interference is more noticeable on SSB than AM.
>
> Does anyone have advice on how to get rid of this interference? I'm
> going to be moving my shack soon, and will have access to several more
> outlets; would plugging the computer and the radio into seperate
> outlets do anything? What about installing RF chokes on the computer's
> power cords?
>
> Thanks for any help.
>
> 73s,
>
> Jim
> KG4NEL
>

2312. Is Skysweeper the best or just the dearest?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 05:00:17 UTC
From: gk <gk@bigpond.net.au>
Message-ID: <BBWR7.453517$bY5.1863297@news-server.bigpond.net.au>
Source record: 7450

Is Skysweeper the best or just the dearest signal decoder/encoder/analyser available (software based via soundcard that is)

2313. SOUNDCARD SOFTWARE'S WIN LINUX & MAC

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 10:30:14 UTC
From: Dave <g3vfp@blueyonder.co.uk>
Message-ID: <Wq%R7.54003$QF1.4309148@news1.cableinet.net>
Source record: 7301

Hi guys.

just to say that I constantly update the software pages on my site, and carry most software's for PSK,RTTY,SSTV,MFSK,HELL etc.

Bookmark it for future use

http://www.g3vfp.com/download.html

Cheers, and have a great Christmas guys.

Dave G3VFP

2314. Re: Is Skysweeper the best or just the dearest?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 11:10:16 UTC
From: John <fltsatcom@hotmail.com>
Message-ID: <3c188d36_2@news.iprimus.com.au>
Source record: 7302

It is good
"gk" <gk@bigpond.net.au> wrote in message
news:BBWR7.453517$bY5.1863297@news-server.bigpond.net.au...
> Is Skysweeper the best or just the dearest signal decoder/encoder/analyser
> available (software based via soundcard that is)
>
>
>

2315. Re: Is Skysweeper the best or just the dearest?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 15:18:30 UTC
From: Bill Booth <710138@ican.net>
Message-ID: <aF3S7.51247$k42.74845223@news.tor.primus.ca>
Source record: 7303

"John" <fltsatcom@hotmail.com> wrote in message
news:3c188d36_2@news.iprimus.com.au...
> It is good
> "gk" <gk@bigpond.net.au> wrote in message
> news:BBWR7.453517$bY5.1863297@news-server.bigpond.net.au...
> > Is Skysweeper the best or just the dearest signal
decoder/encoder/analyser
> > available (software based via soundcard that is)

I have looked at this software a couple of times.....and cannot figure out what it does. It appears that you are using it so.....

I thought that all it does is display a graph that will show when you are properly tuned to the mode you want to recieve.

Does it decode and then display some of the modes that it will tune for.

I would like to find an inexpensive way to decode weather satellite transmissions from the NOAA's of this world. Maybe you are doing this and know of some software that I could sue.

Bill
VE3NXK

2316. Kantronic 9612 8.2 firmware and APRS

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 18:02:22 UTC
From: ckg@osu.edu
Message-ID: <3c18eb03.708705504@nntp.service.ohio-state.edu>
Source record: 7304

I have a vey high profile/power APRS station here ic Columbus Ohio. It runs unattended, but has a modem hooked to it so I can run terminal mode from any computer.

It has firmware 7.0 in it with "DIGI ON", thus, causing a lot of un-needed QRM by re-transmitting "WIDE" and "RELAY" packets.

I know have the 8.2 version...any recommendations/advice on some of the new parameters?

Thanks, & 73.

Christopher K. Greenhalgh, N8WCT
AX.25: n8wct@w8cqk.#cmh.oh.usa.noam

"It's just about going fast...that's all...
http://home.columbus.rr.com/n8wct"

2317. Re: Is Skysweeper the best or just the dearest?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-13 23:06:22 UTC
From: John <fltsatcom@hotmail.com>
Message-ID: <3c193489_2@news.iprimus.com.au>
Source record: 7305

Bill, for a great weather fax program look for a program called "wxtoming"
"Bill Booth" <710138@ican.net> wrote in message
news:aF3S7.51247$k42.74845223@news.tor.primus.ca...
>
> "John" <fltsatcom@hotmail.com> wrote in message
> news:3c188d36_2@news.iprimus.com.au...
> > It is good
> > "gk" <gk@bigpond.net.au> wrote in message
> > news:BBWR7.453517$bY5.1863297@news-server.bigpond.net.au...
> > > Is Skysweeper the best or just the dearest signal
> decoder/encoder/analyser
> > > available (software based via soundcard that is)
>
> I have looked at this software a couple of times.....and cannot figure out
> what it does. It appears that you are using it so.....
>
> I thought that all it does is display a graph that will show when you are
> properly tuned to the mode you want to recieve.
>
> Does it decode and then display some of the modes that it will tune for.
>
> I would like to find an inexpensive way to decode weather satellite
> transmissions from the NOAA's of this world. Maybe you are doing this and
> know of some software that I could sue.
>
> Bill
> VE3NXK
>
>
>
>

2318. TEST -nothing to read

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-15 04:12:23 UTC
From: kn6rd@yahoo.com
Message-ID: <46423cf8.0112142012.6731f6a7@posting.google.com>
Source record: 7306

test

2319. ARNewsline 1270 - Dec 14 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-15 10:17:00 UTC
From: radionews@aol.com
Message-ID: <20011215051700.01352.00000471@mb-cg.aol.com>
Source record: 7307

AMATEUR RADIO NEWSLINE(tm) REPORT #1270 - DEC 14th, 2001

Amateur Radio Newsline report number 1270 with a release date of Friday, December 14th, 2001 to follow in 5-4-3-2-1.

The following is a Q-S-T. are first on this weeks Amateur Radio Newsline report number 1270 coming your way right now. Who will be the next space tourist and will he operate from the I-S-S? This story is first on Amateur Radio Newsline report number 1270 coming your way right now!

(Billboard Cart Here)

**

HAM RADIO IN SPACE: ANOTHER TOURIST TO THE ISS

Could there be another ham radio space tourist headed to the International Space Station? Well the ham radio part is not yet known, but NASA and its partners in the I-S-S have agreed in principle to let a 28-year-old South African become the second paying tourist on the orbiting outpost. Amateur Radio Newsline's Roy Neal, K6DUE, has more:

--
The International Space Station may get its second paying customer next April. South African businessman Mark Shuttleworth has signed a contract with the Russian Aviation and Space Agency to buy a seat.

Kirsten Larson, a spokeswoman for NASA, has confirmed tentative agreement with the various space agencies that would allow him to fly. Shuttleworth is to go up to the I-S-S on a Russian built Soyuz. The arrangement was negotiated by Space Adventures, an American company in
Arlington, Virginia. That's the same outfit who made the arrangements for Dennis Tito, the first space tourist. Tito, KG6FZX, was allowed to get on the ARISS radio while he was up there and created quite a stir on 2 meters.

Mark Shuttleworth is not licensed at this writing but has said that he plans to be more than just a tourist looking back at earth. He has said he will take part in a number of scientific experiments. It's not too far fetched to suggest that he may be talked into taking the time to get a ham license, time permitting, as he trains for the flight. He will have to train extensively to meet rigid standards before getting final approval. If all those ifs go together, next year ham radio may have its second tourist in space to talk to and about.

For the Amateur Radio Newsline, this is Roy Neal, K6DUE

--

Ironically, the proposed date of Shuttleworth’s visit to the I-S-S would be almost exactly a year after Dennis Tito made his visit. That flight last April raised objections at the National Aeronautics and Space Administration about his fitness and training. No such problems this time around. (ARNewsline(tm) from various sources)

**

HAM RADIO IN SPACE: ISS CELEBRATES MARCONI

The International Space Station's returning skipper marked the 100th anniversary of the first trans-Atlantic wireless contact by chatting with youngsters at the exact spot history was made. The contact took place on Wednesday, December 12 th as the station, docked with the shuttle Endeavour soared over the North Atlantic, off the Newfoundland coast.

During the short QSO, outgoing station Commander Frank Culbertson, KD5OPQ, used two meter F-M to speak to teen-agers gathered at the Signal Hill National Historic Site of Canada in St. John's, Newfoundland. Culbertson managed to answer 10 questions from the students before the I-S-S flew out of range.

One of the questions asked of Culbertson was how he bathes and brushes his teeth in orbit. Another was how he gets along with his crewmates in such close quarters, and whether he misses home.

His answers? KD5OPQ told the youngsters that uses damp cloths and no-rinse shampoo, that he swallows the toothpaste since there's no sink, that he gets along fine with his colleagues, and sometimes does wished he were home.

The contact was facilitated by ARISS – Amateur Radio on the International Space station as part of an educational program at Signal Hill celebrating Guglielmo Marconi's success in receiving a wireless signal. That transmission came from Cornwall, England, on December 12, 1901 and consisted of nothing more than three dots. That’s the letter S transmitted in Morse code.

For the Amateur Radio Newsline, I’m Mert Garlick, N6AWE. Jim. (AMSAT-BB, AJ9N and ARNewsline(tm) from published news reports)

**

HAM RAIO IN SPACE: NEW HAMSAT IN 2002

Look for a new ham radio satellite to be launched in 2002. The new bird called Kolibir-2000 is a Russian and Australian School joint scientific and research microsatellite.

Miles Mann, WF1F, of MAREX reports that the new bird will be taken to orbit during a Russian a cargo mission to International Space Station. Kolibir-2000 will then stay in space attached to a remote port before being launched. (AMSAT-BB)

**

ENFORCEMENT: FCC SAYS IT WILL NOT INTERVENE IN ALABAMA NETMESS

The FCC's Enforcement Bureau has in refused to take sides in a dispute between several nets wanting to use essentially the same frequencies on the 75-meter band. The bickering had pitted the Alabama SKYWARN Net , the Alabama Traffic Net, the and the Country Cousins Net against a newly formed informal gathering of hams in another loose knit network.

The Alabama SKYWARN Net, the Alabama Traffic Net, the and the Country Cousins Net have long operated between 3.965 and 3.970 MHz. The informal group decided to try to use the same spectrum. That’s when the dispute erupted and everyone wrote to the FCC. After reading the complaints, Special Counsel for Amateur Radio Riley Hollingsworth told all four that it was really up to them to solve the problem, and to do it without breaking any rules:

--
Hollingsworth: “We issued a letter to all parties in a 75 meter interference dispute and we warned all parties and [also] attempted to explain what incidents were enforcement problems and what activities were just poor Amateur practice and degrading the entire service.”
--

Hollingsworth’s response went to Henry Willmon, WA4GQS, Sal Viglione, W4SAL, Jeremy Jackson, K9CNI, and Alabama ARRL Section Manager Bill Cleveland, KR4TZ. (FCC, RAIN)

**

ENFORCEMENT: FCC WARNS UNCOORDINATED REPEATER OWNER AND HIS USERS

The FCC has again written the operator of an uncoordinated Southern California repeater about ongoing interference. Again the FCC’s Riley Hollingsworth:

--
Hollingsworth: “We issued a second and final warning to a Los Angeles California licensee; Angos Winke, KC6OKA, about operating an uncoordinated repeater that is interfering with the coordinated repeater W6IER. {This is] a repeater operated by the Inland Amateur Radio Club.
That licensee will also be receiving a letter from the Los Angeles office prohibiting him from using Automatic Remote Control for the repeater.”
--

That means the system can only be on the air when there is a control operator present and that ham will be held responsible for any interference caused by the repeaters transmitter.

But that’s not all. The FCC has also sent letters to several users of the uncoordinated repeater a warning of their own:

--
Hollingsworth: “We sent warning notices to five licensees in the Southern California area concerning operation on the coordinated repeater I mentioned a moment ago: The one that is causing interference to W6IER. This is in addition to the action mentioned about taking the licensee off of Automatic Remote Control. And we warned them about interference to the coordinated repeater.”

--

Each of the letters says essentially the same thing. That the FCC has information indicating that interference to the repeater has been occurring from each of the users stations through a repeater on the same frequency as W6IER, but one that uses various call signs. It warns the users that continued interference to the W6IER repeater could result in a monetary forfeiture of up to $7,500. Also, depending upon the evidence, revocation and suspension issues might also be warranted. (FCC, RAIN)

**

BREAK 1

This is ham radio news coming to you from the United States of America. we are the Amateur Radio Newsline, heard on great bulletin stations around the world, including the Broward Amateur Radio Club net serving Ft. Lauderdale Florida and vaccinate.

(5 sec pause here)

**

FCC: FCC LIBRARY CLOSED TO THE PUBLIC

Effective December 5 th and until further notice, the FCC Library is closed to the public. This action is said to be necessary because the Commission is using a portion of the library to temporarily house FCC employees. More information is on the web at http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-218204A1.doc (CGC Communicator, FCC)

**

RADIO DISASTER: MISSOURI TOWER FALLS

A 1,627-foot broadcast tower near Springfield, Missouri toppled to the ground Friday morning November 30th from the weight of a foot of ice from several days of freezing rain. According to a report from KYTV the 33-year-old tower collapsed on itself like an accordion.

No one was around and the damage was confined to the area around the transmitter building at the base of the tower. No engineers were in the transmitter building when the accident occurred.

KDEB television and KTXR-FM were the resident broadcasters on the tower which was owned by American Tower of Boston. The total height included the 1,560-foot tower plus the antenna on top of it. The loss could cost American Tower or KDEB millions of dollars. (Listener reports)

**

HAM RADIO HELP: THANKSGIVING BASKETS

On a much happier note, a group of Indiana hams make the news this week for their generosity. Amateur News Weekly's Jack Parker, W8ISH, tells us that the radio amateurs recently brought some holiday cheer to those who might not otherwise be able to celebrate:

--
Thanksgiving came early for many residents of Hamilton County. A half dozen Hamilton County Amateur Radio operators helped to deliver over 200 Thanksgiving food baskets to shut-in residents across the county.

This is an annual project headed up by John Wadsworth AA9KB. The food baskets are arranged by the local chapter of the American Red Cross.

Reporting for Amateur News Weekly, I'm Jack Parker, W8ISH.
--

Jack says the Hamilton County hams will be back again next year. (ANW)

**

HAMVENTION 2002: FORUMS SCHEDULE ANNOUNCED

If you are thinking about attending the 2002 Dayton Hamvention, then go its website and click on the Forums area. Forums Chairman Jim Ebner, N8JE, says that the initial schedule for next May's Dayton Hamvention group discussion sessions is now on line and Amateur Radio Newsline's Don Wilbanks, KC5MFA, takes a peak:

--

As previously announced, the theme of the 2002 Hamvention is Emergency Communications. In keeping with the theme, some of the highlights include Gordon West WB6NOA explaining how use of the Global Positioning System. Gordo will also show how it offers hams the ability to know where they are and describe where they are to better than a foot. That's very important information to have on hand when working an emergency situation.

But that's not all. Also on hand will be John Mc Hugh, KU4GY, the Coordinator for Amateur Radio National Hurricane Center, W4EHW. Mc Hugh will show the volunteer public service work of the gang at W4EHW, and the inside workings of the National Hurricane Center in Miami.

KU4GY will also detail two exciting projects called CARMEN and CWOP that they are working on in conjunction with NOAA. What are they? You will have to attend his session at Hamvention 2002 to find out.

Vermont's Mitch Stern, W1SJ, will also be there to talk on techniques used by the best operators involved in emergency communications. This session will also include information on the proper way to communicate during emergencies. Also hosting a session will be Mid-Cars on the importance of mobile to mobile and mobile to base communications are during emergency times.

Amateur Radio Newsline will also be there once again hosting the Live Town Hall Meeting. Bill Pasternak, WA6ITF, will moderate a session on Ham Radio Emergency Communications in the 21st Century titled Looking to Apply What We

Have Learned From the Past.

And also look for the most popular sessions including Carole Perry's Youth Forum and Joe Eisenberg, K0NEB, with the latest in kits and how to build them.

This and a lot more happens May 17th 18th and 19th at the HARA Arena in Dayton Ohio. We will see you there.

For the Amateur Radio Newsline, I'm Don Wilbanks, KC5MFA.

--

Want to know more? The latest information on Hamvention 2002 is always on the web at www.hamvention.org. (DARA, ARNewsline(tm))

**

AMERICA AT WAR: RELIEF FUND GROWS FOR WTC VICTIM'S FAMILIES

A relief fund, established to benefit the families of the six broadcast engineers and technicians lost in the collapse of the September 11th World Trade Center has begun providing aid to the families of those killed in the terrorist attack. Amateur Radio Newsline's Bill Pasternak, WA6ITF, has the details:

--

The Portland Oregon S-B-E electronic newsletter says that soon after its inception the S-B-E sponsored fund began drawing the attention of individuals and companies from across the country. And as of November 1st, almost $50,000 had been raised to assist their families of those who lost their lives in the collapse of the World Trade Center.

The fund that was started by the Society of Broadcast Engineers and the Ennes Educational Foundation Trust. Initial checks to the nearest family member of all six men were sent by October 31st. Eventually every penny off the money raised will go to the families of the victims. This is because the fund is all volunteer. There is no overhead of any kind involved and there is also no restriction on how the recipient may use the money.

In Los Angeles, I'm Biill Pasternak, WA6ITF, reporting for the Amateur Radio Newsline.

--

If you are interested in contributing, checks should be made payable to the Ennes Educational Foundation Trust and mailed to the Society of Broadcast Engineers, Inc., 9247 N. Meridian Street, Suite 305, Indianapolis, Indiana 46260. Mark your check to the attention of the Relief Fund. (Portland SBE)

**

BREAK 2

By telephone, satellite and the World Wide Web, we are the amateur Radio Newsline with links to the world at our only official website -

www.arnewsline.org.

**

TECHNOLOGY HONORS: FIRST ROTARY SPEED DIALER TO SMITHSONIAN

The developer of the first speed-dialer for rotary phones has finally been honored forty years after developing the unit. Pennsylvania inventor Vincent Iannucci spent two years developing the world's first speed dialer for rotary phones. The motorized device stored numbers and could dial up ten digits with the push of a button. It was nearly ready for the market in 1961, but production was disconnected by Bell Telephone Lab's after the development of touch-tone phones.

Iannucci put the prototype on his desk and used it until his own company changed over to the tone dialing system. He was going to throw it away recently, but a relative suggested he offer it to the Smithsonian. Now it's joining the museum's collection of electro-mechanical devices. (Science Online)

**

ELECTRONIC SAFETY: LIGHTING RECALL

A South Carolina lighting company has recalled over 10,000 fluorescent lights because they are improperly wired and pose a fire hazard. Progress Lighting, of Spartanburg, has received two reports of the fluorescent lights smoking and smoldering, according to the Consumer Product Safety Commission. No injuries have been reported.

The recalled fluorescent ceiling and bathroom lights were sold in various shapes. The label on the light contains the manufacture's name, the manufacture date, and a catalog number. Consumers are advised to using the recalled lights immediately and contact Progress Lighting. The company can be reached at area code 866-696-8593 between 8 a.m. and 5 p.m. EST Monday through Friday. More information is on the web at:
www.cpsc.gov/cpscpub/prerel/prhtml02/02036.html (Press release)

**

HAM RADIO IN SPACE: AMSAT ON-LINE SURVEY

AMSAT-NA has developed a new on-line volunteer survey, designed to identify the interests and skills of those who may be available to directly help in efforts to develop the amateur satellite program. The survey was developed by a committee led by AMSAT North America
Vice-President and Government Liaison Perry Klein, W-3-P-K and is designed to be completed and returned on-line and takes only a few minutes to fill out. To request the survey, simply send a e-mail request to volunteer@amsat.org (AMSAT-NA)

**

HAM RADIO IN SPACE: AO-40 UPDATE

A scheduled attitude shift that is necessary to compensate for unfavorable sun angles, will leave the Oscar 40 satellite's antennas pointing away from earth until next spring. The adjustments will lead to a transponder shut-down period that could start as soon as late December. The satellite is currently in a long period during which earth eclipses the sun near perigee - its point closest to earth. Like most satellites, Oscar 40 relies on solar panels for its power. (AMSAT-NA)

**

DX

In D-X, Eddie Seymour, WB4MLE reports a really neat opening on 6 to Europe the morning of December 5th. From 1400 to 1500 U-T-C, Eddie, operating from grid EM72 heard or worked SP, DL,YO, 9A, S5, ON, OK, 4N, G and GW. This, as 6 meters defies the experts and stays the D-X band that just won't quit. (VHF Reflector)

A new 2-meter propagation study beacon is being established at the Poldhu Amateur Radio Club in the United Kingdom. It is located 8 kilometers south of Helston in Cornwall and operates under the call sign GB3SSS will operate on 144.407mhz. Output power is 25 watts to two 8-element stacked Yagis beaming at 284 degrees. It is hoped to increase the power to 100 watts later. For further details please contact the beacon keeper, Mr. L Davey-Thomas, G3AGA, at his callbook address. (GB2RS)

Meantime, a bit lower in frequency look for the Council of Europe Amateur Radio Club. It plans to be on the air as TP5CE on the 14th to 16th of December, including the ARRL 10 Meter Contest. Outside the contest the main activity will be on all bands RTTY and CW. (GB2RS)

And PY8IT will operate as PYZ0FT from Fernando de Noronha between the 12th and 18th of December. He will concentrate on RTTY and PSK31. In both cases, QSL as directed on the air. (GB2RS)

**

THAT FINAL ITEM: AUDIO TIME TRAVEL

And finally this week, some words about time travel, Amateur Radio Newsline, our predecessor Westlink Radio and the audio history of ham radio since 1976. That's the year that Westlink Radio started to bring you the sound of ham radio from around the nation and around the world. And believe it or not, we still have almost every newscast tape we ever aired. In fact, we are in the process of archiving them and we have found a lot of moments that should not ever be forgotten. Moments like this from November of 1983:

--
Audio Here: W5LFL from space
--

That was United States Astronaut Owen Garriott, W5LFL, making the first ever manned ham radio contact from space. Its a part of our history as hams and as a nation and needs to be remembered. So for the next few weeks we will let you relive the time that W5LFL spent orbiting the Earth and making ham radio

history. Here’s how.

As you know we recently began providing our newscast audio as a downloadable Real Audio file from our own website at www.arnewsline.org. All you need to do is click on the newscast number at the top of the page to reach the FTP site. Now, when you go there, you will also find another audio file outlined in bright green. Its called the Newsline Extra and all you need to do is to click on the word download and it will soon be in your Real Audio equipped computer, ready to play.

In the coming months as we archive more and more of our older Westlink Radio programs we will try to bring you the best of them. Meantime, we hope you will enjoy this December 11th 1983 ham radio in space retrospective hosted by Amateur Radio Newsline’s Robert Sudock WB6FDF and featuring the story of ham radio space pioneer Owen Garriott W5LFL. (ARNewsline(tm))

**

NEWSCAST CLOSE

With thanks to Alan Labs, Amateur News Weekly, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB and Australia's Q-News, that's all from the Amateur Radio Newsline(tm). Our e-mail address
is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at
Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Jim Davis, KU8R, saying God Bless America, 73, and we thank you for listening." Amateur Radio Newsline(tm) is Copyright 2001. All rights reserved.

2320. For Sale: PacComm PSK-1 Satellite Modem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-15 21:35:51 UTC
From: jcs4us@earthlink.net
Message-ID: <3c1bc282.5468625@news.earthlink.net>
Source record: 7308

For Sale: PacComm PSK-1...
The PSK-1 converts a standard 1200 baud AFSK TNC which has an accessory modem header to operate with packet satellites. It provides 1200 baud Manchester encoded AFSK output for satellite uplink and decodes 1200 baud PSK signals downlink signals. Also decodes 400 baud telemetry from Oscar 10 and 13.

$100.00... Paypal accepted as long as it is going to a confirmed shipping address... Thanks, Alan

email: jcs4us@earthlink.net

2321. APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-16 09:16:38 UTC
From: Owen Duffy <owen@oda.com.au>
Message-ID: <3C1C6676.5E7ADE7A@oda.com.au>
Source record: 7309
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Some observations of APRS on 145.175:

It is highly likely that an APRS mobile may not hear many of the other active mobiles, and may not hear many of the active digipeaters.

Some APRS transmitter implementations do not detect an occupied channel and transmit blind.

Queuing is rendered less effective by these hidden transmitter or blind transmission effects.

Some digipeaters repeat all packets that they receive, including those from other digipeaters.

Messages are in UI mode, meaning that there is no retry facility - so low collision rates are necessary for effective position reporting.

There is an apparent lack of convention / adherence for channel access (eg slottime, persist, txdelay) (witnessed for example by blind transmission), reporting frequency, message content and sizes.

In that context, some thoughts about the capacity of a single 1200b/s AFSK channel:

On the assumption that average message sizes seem to be around 100 bytes, TXDelay 400mS, Slottime 10mS, Persist 64, packets addressed to APRS v WIDE, each report requires around 1500mS of channel time.

Designing for a probability of channel busy when a station wants to transmit (and will transmit if it can't hear most other stations) of 20% (ie 80% of transmission should be on a quiet channel), the channel has capacity for 8 reports per minute. If there is one digipeater operating, channel capacity could be reduce by up to half, meaning 4 reports per minute.

If we wanted to get reports from mobiles every 1Km at highway speed (assume 120Km/hr for round numbers), this would require reports from each mobile every 30 seconds.

A single channel could reliably support 2 mobiles and one digipeater under these assumptions, perhaps up to 4 mobiles if all can hear the digieater.

Explains why it is near impossible to get reliable frequent reports from even a handful of mobiles.

Makes one wonder about the wisdom of the thought that APRS could be used to reliably send an emergency beacon, even a repeating beacon. I wouldn't want to depend on it!

Exacerbating this is the determination to hook all this together on the Internet so that position reports of mainly fixed stations all across the globe stream onto the channel, reducing bandwidth available for local mobiles. Whilst stations have the choice of ignoring incoming iGate traffic (doesn't stop it using channel bandwidth though), they have no way of restricting their own reports to the local area.

APRS is headed the way packet radio went, machines exchanging relatively static information congesting the channels so that they are of no use for more dynamic or interactive applications.

Owen

2322. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-16 10:06:12 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <$KGc8pAUIHH8EwHW@peaksys.co.uk>
Source record: 7310
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

In article <3C1C6676.5E7ADE7A@oda.com.au>, Owen Duffy <owen@oda.com.au>
writes
[snip]
>Exacerbating this is the determination to hook all this together on the
>Internet so that position reports of mainly fixed stations all across
>the globe stream onto the channel, reducing bandwidth available for
>local mobiles. Whilst stations have the choice of ignoring incoming
>iGate traffic (doesn't stop it using channel bandwidth though), they
>have no way of restricting their own reports to the local area.

If you've got local IGATEs dumping large quantities of beacons from the
internet onto RF, then that's an unfortunate feature of your local
network, and probably results from a lack of knowledge on the part of
the ham(s) operating the offending IGATE(s).

People moan in mailing lists, newsgroups, etc, about this sort of thing,
but they never seem to get round to telling the person causing the
problem. Have you done that?

As regards restricting your own reports to the local area (I presume by
that you mean you don't want your beacon gated onto the internet) - At
least some IGATEs (UI-View ones for instance) respect your right not to
have your RF traffic passed to the internet, and will not gate traffic
that include the pseudo digis RFONLY or NOGATE in the frame header. It's
a crude system, but it works well enough.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2323. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-16 11:18:48 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna1p0oo.qfb.nomail@linux.pe1chl.ampr.org>
Source record: 7311
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Owen Duffy <owen@oda.com.au> wrote:

>On the assumption that average message sizes seem to be around 100
>bytes, TXDelay 400mS, Slottime 10mS, Persist 64, packets addressed to
>APRS v WIDE, each report requires around 1500mS of channel time.

>Designing for a probability of channel busy when a station wants to
>transmit (and will transmit if it can't hear most other stations) of 20%
>(ie 80% of transmission should be on a quiet channel), the channel has
>capacity for 8 reports per minute. If there is one digipeater operating,
>channel capacity could be reduce by up to half, meaning 4 reports per
>minute.

As you can see, most of the problem stems from the usage of 1200 baud
modems and a much too long TXDELAY. Unfortunately, radio amateurs in 2001
still claim that they cannot move on from the 1985 technology because it
would make their "investment" in modems and transceivers worthless.

When everyone would use a transceiver suitable for data, which would use a
TXDELAY of 10-20ms and transmit at a rate of 9600-19200 bps (like the
TEKK), the time per message would be below 100ms and the capacity would
be 15 times more.

Now that would even be a slow system when compared to wireless data systems
used in todays computer systems. Much more is achievable.

But NO, we stick to 1200 baud and we forever will.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+--------------------------------------+

2324. ptc II/e wanted please

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-16 14:38:00 UTC
From: Paul <gw4am@arrl.net>
Message-ID: <qt2T7.10118$0A4.965217@news11-gui.server.ntli.net>
Source record: 7312

anyone got a used ptc II or IIe they wish to seel

Paul GW4AMZ
Colwyn Bay

gw4amz@arrl.net

2325. Need help with dx packet cluster disconnection problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-17 04:50:14 UTC
From: Rick Karlquist <richard@karlquist.removethis.com>
Message-ID: <aQeT7.12735$MM5.1104967@rwcrnsc53>
Source record: 7313

I am able to get connected to DX packet cluster nodes
successfully, but am unable to remain connected for more
than 5 minutes. The symptom seems to be that my radio
sends a packet, and the node immediately sends out a
packet in response (the DCD light comes on). However,
my TNC eventually disconnects on its own because I
guess it thinks it isn't hearing the node. The RF link
appears to be extremely solid (I can add 20 dB attenuation
to the antenna and still get perfect copy and even get
connected).

Any suggestions? Is there a better newsgroup/reflector
to post this too?

Rick Karlquist N6RK
(to reply by email, remove "removethis" from address)

2326. Videologin 601E in silver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-17 11:50:46 UTC
From: LoopyLemon <jim_@hotmail.com>
Message-ID: <9vkm1f$fprod$1@ID-82514.news.dfncis.de>
Source record: 7314

Hi,

I just won an auction for a Videologin DRX-601E which claims to come in silver. Did videologic make a version like this or do you think it is actually the 601ES version with the psycho-acoustic compensation.

Cheers,

Jim.

2327. Re: Need help with dx packet cluster disconnection problem

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-17 14:01:44 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u1rumakal3vq2e@corp.supernews.com>
Source record: 7315

It may be related to your CHECK command settings.

2328. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-17 20:08:15 UTC
From: Owen Duffy <owen@oda.com.au>
Message-ID: <3C1E50AF.6F35BD01@oda.com.au>
Source record: 7316
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Roger Barker wrote:
>
> In article <3C1C6676.5E7ADE7A@oda.com.au>, Owen Duffy <owen@oda.com.au>
> writes
> [snip]
> >Exacerbating this is the determination to hook all this together on the
> >Internet so that position reports of mainly fixed stations all across
> >the globe stream onto the channel, reducing bandwidth available for
> >local mobiles. Whilst stations have the choice of ignoring incoming
> >iGate traffic (doesn't stop it using channel bandwidth though), they
> >have no way of restricting their own reports to the local area.
>
> If you've got local IGATEs dumping large quantities of beacons from the
> internet onto RF, then that's an unfortunate feature of your local
> network, and probably results from a lack of knowledge on the part of
> the ham(s) operating the offending IGATE(s).
>
> People moan in mailing lists, newsgroups, etc, about this sort of thing,
> but they never seem to get round to telling the person causing the
> problem. Have you done that?

No, not yet.

The Igate issue was not the primary point of discussion. The fundamental problem is that the channel capacity does not seem to me to support much more than a few mobiles using the protocol and speed as deployed under the assumptions outlined.

Other factors like unintelligent digipeating by multiple digipeaters and injection of Igate traffic exacerbate the channel capacity problem, but are resolvable to some extent.

Owen

2329. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-17 20:58:44 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <Noiw0IAEylH8EwiX@peaksys.co.uk>
Source record: 7317
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

In article <3C1E50AF.6F35BD01@oda.com.au>, Owen Duffy <owen@oda.com.au>
writes
>
>
>Roger Barker wrote:
>>
>> In article <3C1C6676.5E7ADE7A@oda.com.au>, Owen Duffy <owen@oda.com.au>
>> writes
>> [snip]
>> >Exacerbating this is the determination to hook all this together on the
>> >Internet so that position reports of mainly fixed stations all across
>> >the globe stream onto the channel, reducing bandwidth available for
>> >local mobiles. Whilst stations have the choice of ignoring incoming
>> >iGate traffic (doesn't stop it using channel bandwidth though), they
>> >have no way of restricting their own reports to the local area.
>>
>> If you've got local IGATEs dumping large quantities of beacons from the
>> internet onto RF, then that's an unfortunate feature of your local
>> network, and probably results from a lack of knowledge on the part of
>> the ham(s) operating the offending IGATE(s).
>>
>> People moan in mailing lists, newsgroups, etc, about this sort of thing,
>> but they never seem to get round to telling the person causing the
>> problem. Have you done that?
>
>No, not yet.
>
>The Igate issue was not the primary point of discussion. The fundamental
>problem is that the channel capacity does not seem to me to support much
>more than a few mobiles using the protocol and speed as deployed under
>the assumptions outlined.

I didn't agree with those assumptions, but I assumed someone else would
pick up on that.

>Other factors like unintelligent digipeating by multiple digipeaters

Then why don't you set-up an intelligent digi? Like every other aspect
of amateur radio, APRS relies for its success on "doers".

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2330. Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 02:37:46 UTC
From: Seth Miller <sethmiller-removethis-@email.com>
Message-ID: <3C1EABFA.F9F1BAF6@email.com>
Source record: 7318

Check out:

http://www.yachtwire.com/what_is_pactor_iii.htm

- Seth N6PL

2331. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 03:23:37 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u1tdlpi5b3hv0c@corp.supernews.com>
Source record: 7319

> Check out:
>
> http://www.yachtwire.com/what_is_pactor_iii.htm
>
The question is, will such a wide bandwidth be legal in the U.S.
digital sub-bands?

2332. New version of aprspoint available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 04:33:54 UTC
From: Michael <hkc2001@pacbell.net>
Message-ID: <SGzT7.5432$8R6.1310286023@newssvr14.news.prodigy.com>
Source record: 7320

Aprspoint version 1.1 is available, Numerous features and enhancements are added, including

1. Ability to connect to APRS internet servers,
2. User defined automatic reporting intervals,
3. On the fly map switching between MapPoint Europe and North America,
4. Location sensor on the toolbar,
5. A new message view window for longer messages,
6. Several bug fixes and UI enhancements,

To download, visit www.aprspoint.com.
Thanks,

Michael

2333. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 18:01:12 UTC
From: Andy Scott <andy@andelscott.co.uk>
Message-ID: <+UFsibCoR4H8EAm1@scotta.demon.co.uk>
Source record: 7321
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

In message <slrna1p0oo.qfb.nomail@linux.pe1chl.ampr.org>, Rob Janssen
<nomail@pe1chl.ampr.org> writes
>As you can see, most of the problem stems from the usage of 1200 baud
>modems and a much too long TXDELAY. Unfortunately, radio amateurs in 2001
>still claim that they cannot move on from the 1985 technology because it
>would make their "investment" in modems and transceivers worthless.
>
Remember how long it took to move from teleprinters operating at 45 baud
sigh

I have some sympathy with the 1200 baud argument for roaming mobiles
because we do not have the saturation coverage of APRS digis and
repeaters in the UK. In the hills and valleys here I have a *long*
aerial on 70 cms to achieve a signal to provide a robust 9k6 baud link
to the next tcp/ip hub - and that's for fixed station operation.

However, with regard to the first correspondent:
I agree with the 'signal to noise' ratio on a local VHF channel - one
answer might be to use VHF/UHF for local network traffic only, coupled
with IGATE (or tcp/ip hubs on higher speed user channels) to handle the
country-wide data for fixed stations with an interest in them.

Absolutely agree with Roger's comment about restricting traffic gated
back to radio channels from the Internet.

...but is it really necessary to know the exact location of mobiles in
real-time on an Amateur reporting system? Even for an emergency or
training event with priority mobiles (e.g. ambulances), every 5 minutes
would suffice, I would have thought. Then that drastically reduces the
risk of data collision - particularly if operation takes place on a
separate channel. (The APRS White Paper suggests 10 minute intervals
for direct / local activity under such circumstances).
--
+------------------+---+
| Andy Scott | Internet : andy@scotta.demon.co.uk |
+------------------+---+

2334. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 18:37:10 UTC
From: KD5VU <kd5vu@qsl.net>
Message-ID: <kd5vu-474BEA.12371018122001@corp.supernews.com>
Source record: 7322

In article <slrna0vu86.6tg.nomail@linux.pe1chl.ampr.org>,
nomail@pe1chl.ampr.org (Rob Janssen) wrote:

> wd4nmq@earthlink.net <wd4nmq@earthlink.net> wrote:
> >I have an original PK-232, non-MBX, with Dec.88 release software. I want
> >to put it in kiss mode
>

Getting it into the KISS mode is easy... KISS ON

Getting it out of KISS is the hard part. I had to write a special script
to send a string of Control-C's over and over again. Once it comes out
of KISS, you will get the standard AEA logo and cmd: prompt. That is the
only way you will know you are out of KISS.

I run my PK-232 in KISS for most all application...like NET/Mac for
tcpip and MacRATT for ax.25 packet.

2335. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 19:05:06 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <yUb$rKAiN5H8EwHJ@peaksys.co.uk>
Source record: 7323
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

In article <+UFsibCoR4H8EAm1@scotta.demon.co.uk>, Andy Scott
<andy@andelscott.co.uk> writes
>In message <slrna1p0oo.qfb.nomail@linux.pe1chl.ampr.org>, Rob Janssen
><nomail@pe1chl.ampr.org> writes
>>As you can see, most of the problem stems from the usage of 1200 baud
>>modems and a much too long TXDELAY. Unfortunately, radio amateurs in 2001
>>still claim that they cannot move on from the 1985 technology because it
>>would make their "investment" in modems and transceivers worthless.
>>
>Remember how long it took to move from teleprinters operating at 45 baud
>*sigh*

And don't you miss it? You really felt like you were doing something
when you pressed those keys. (You can always tell hams who learnt to
type on a Creed 7B or a 444 - they've got a pile of broken PC keyboards
in the corner of the shack. :-)

>I agree with the 'signal to noise' ratio on a local VHF channel - one
>answer might be to use VHF/UHF for local network traffic only, coupled
>with IGATE (or tcp/ip hubs on higher speed user channels) to handle the
>country-wide data for fixed stations with an interest in them.

Yes, that's how it should work. The IGATEs just need to be careful about
what they gate, and not fall into the trap of gating traffic just to
"show I'm an IGATE". The use of TCP/IP over radio on UHF, rather than
the internet, for the APRS backbone in the UK, is also a definite
possibility. However, it probably wouldn't be practical in VK.

All it needs is a little imagination and a little common sense...

(Someone asked me about my comment regarding stopping your RF beacons
being gated onto the internet via UI-View IGATEs - If you put the pseudo
digi NOGATE or RFONLY in your unproto path, then a UI-View IGATE with a
default configuration won't gate the frame to the internet. E.g. -
G4IDE>APRS,WIDE,NOGATE:This won't go onto the internet)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2336. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 20:41:57 UTC
From: nomail@pe1chl.ampr.org
Message-ID: <slrna1vagl.i42.nomail@linux.pe1chl.ampr.org>
Source record: 7324

KD5VU <kd5vu@qsl.net> wrote:
>In article <slrna0vu86.6tg.nomail@linux.pe1chl.ampr.org>,
> nomail@pe1chl.ampr.org (Rob Janssen) wrote:

>> wd4nmq@earthlink.net <wd4nmq@earthlink.net> wrote:
>> >I have an original PK-232, non-MBX, with Dec.88 release software. I want
>> >to put it in kiss mode
>>

>Getting it into the KISS mode is easy... KISS ON

I think it isn't that easy with the Dec.88 PK-232!

I don't remember the details but I think it needs about 6 commands.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.xs4all.nl/~pe1chl/ |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8ZAA.#NBO.NLD.EU |
+--------------------------------+--------------------------------------+

2337. AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 22:19:22 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <7RJtKWAqD8H8EwWf@peaksys.co.uk>
Source record: 7325

I have been trying to obtain a copy of the AEA/Timewave TNC host mode docs. Unfortunately Timewave tech support don't reply to my emails. Does anyone know where I might find a copy elsewhere on the net?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2338. Re: AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-18 23:34:47 UTC
From: Rick Ruhl <ricker@cssincorp.com>
Message-ID: <VkQT7.114033$lV4.17975361@e420r-atl1.usenetserver.com>
Source record: 7326

Roger,

Who did you email? It's in the Tech Ref manual that Timewave sells. Try John Douglas there. jdouglas@timewave.com

Rick - W4PC

"Roger Barker" <roger@peaksys.co.uk> wrote in message news:7RJtKWAqD8H8EwWf@peaksys.co.uk...
> I have been trying to obtain a copy of the AEA/Timewave TNC host mode
> docs. Unfortunately Timewave tech support don't reply to my emails. Does
> anyone know where I might find a copy elsewhere on the net?
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.UI-View.com
> For WinPack go to - http://www.peaksys.co.uk

2339. Re: AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 00:47:30 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <2TbOqWAiO+H8EwXh@peaksys.co.uk>
Source record: 7327

In article <VkQT7.114033$lV4.17975361@e420r-atl1.usenetserver.com>, Rick Ruhl <ricker@cssincorp.com> writes
>Roger,
>
>Who did you email? It's in the Tech Ref manual that Timewave sells. Try John
>Douglas there. jdouglas@timewave.com

Tech support. However, as a result of my posting in this ng, someone from Timewave has now contacted me.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2340. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 02:08:31 UTC
From: sethmiller-removethis-@email.com
Message-ID: <3C1FF69F.407A72C6@email.com>
Source record: 7328

I'm not aware of any regulation that would preclude a 2.4 kHz wide signal in the digital subbands. The wide bandwidth would limit utility in the ham bands of course, but is not illegal as far as I know. Obviously silly for keyboard-to-keyboard stuff, but if you really need that much throughput (for MBO message forwarding, for example) then the mode is efficient, at least in a bit rate per occupied bandwidth sense.

- Seth

"Bob Lewis (AA4PB)" wrote:

> > Check out:
> >
> > http://www.yachtwire.com/what_is_pactor_iii.htm
> >
> The question is, will such a wide bandwidth be legal in the U.S.
> digital sub-bands?

2341. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 02:17:17 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3C1FF8AD.FCE938DE@dialpoint.net>
Source record: 7329

Maybe this part will apply ?

Par5 97.301

(3) Only a RTTY or data emission using a specified digital code
listed in Sec. 97.309(a) of this part may be transmitted. The symbol
rate must not exceed 300 bauds, or for frequency-shift keying, the
frequency shift between mark and space must not exceed 1 kHz.

sethmiller-removethis-@email.com wrote:
>
> I'm not aware of any regulation that would preclude a 2.4 kHz wide signal
> in the digital subbands. The wide bandwidth would limit utility in the ham
> bands of course, but is not illegal as far as I know. Obviously silly for
> keyboard-to-keyboard stuff, but if you really need that much throughput
> (for MBO message forwarding, for example) then the mode is efficient, at
> least in a bit rate per occupied bandwidth sense.
>
> - Seth
>
> "Bob Lewis (AA4PB)" wrote:
>
> > > Check out:
> > >
> > > http://www.yachtwire.com/what_is_pactor_iii.htm
> > >
> > The question is, will such a wide bandwidth be legal in the U.S.
> > digital sub-bands?

2342. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 03:04:21 UTC
From: sethmiller-removethis-@email.com
Message-ID: <3C2003B4.B74A0E4@email.com>
Source record: 7330

Ooops... OK, I stand corrected... forgot about the 300 baud limitation... guess I need to be re-tested.

- Seth

Ralph Mowery wrote:

> Maybe this part will apply ?
>
> Par5 97.301
>
> (3) Only a RTTY or data emission using a specified digital code
> listed in Sec. 97.309(a) of this part may be transmitted. The symbol
> rate must not exceed 300 bauds, or for frequency-shift keying, the
> frequency shift between mark and space must not exceed 1 kHz.
>
>

2343. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 06:33:42 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <ukb02u4tt2ltpcnj3pkos1fkb5elr5vj9k@4ax.com>
Source record: 7331

On Tue, 18 Dec 2001 21:17:17 -0500, Ralph Mowery
<rmowery@dialpoint.net> wrote:

>Maybe this part will apply ?
>
>Par5 97.301
>
>(3) Only a RTTY or data emission using a specified digital code
>listed in Sec. 97.309(a) of this part may be transmitted. The symbol
>rate must not exceed 300 bauds, or for frequency-shift keying, the
>frequency shift between mark and space must not exceed 1 kHz.

I am not familiar with the signal structure of Pactor III, but please
remember that 300 bauds means 300 symbols/s, not necessary 300 bits/s.

In the simplest case (2FSK, 2PSK) the symbol consists of only two
states, thus, such a symbol can carry only one bit of data, thus, the
bit rate would be 300 bits/s.

However, if a symbol can have 4 or 16 different states, then 2 resp. 4
bits can be transferred and in this case the bit rate would be 600 or
1200 bits/s.

In a hypothetical multitone system with say, 8 carriers with 300 Hz
separation and if each carrier could have 4 different states, at 300
bauds, the bit rate would be 8x2x300 = 4800 bit/s in a 2400 Hz
bandwidth.

Paul OH3LWR

2344. Re: putting PK-232 in kiss mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 11:46:09 UTC
From: Andy Scott <andy@andelscott.co.uk>
Message-ID: <j7Qb5KBB4HI8EAPM@scotta.demon.co.uk>
Source record: 7333

In message <slrna1vagl.i42.nomail@linux.pe1chl.ampr.org>, Rob Janssen
<nomail@pe1chl.ampr.org> writes
>I think it isn't that easy with the Dec.88 PK-232!
>
>I don't remember the details but I think it needs about 6 commands.
>
I use Rev F (10/88) PK232 and am sure it was just KISS ON followed by
RESTART. However, I don't use it for KISS now as it was just too
unstable for running 24 x 7 in that mode.

I must say, I did resort to undoing the case and temporarily
disconnecting the backup battery to force a reset into non-KISS mode on
many occasions - that always worked!
--
+------------------+---+
| Andy Scott | Internet : andy@scotta.demon.co.uk |
+------------------+---+

2345. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 12:48:28 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u21354bqetb42a@corp.supernews.com>
Source record: 7332

I assume that the symbol rate of Pactor III is well in excess of 300
baud since the bandwidth of the transmitted signal is nearly 3 Khz.

2346. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 19:36:17 UTC
From: Owen Duffy <owen@oda.com.au>
Message-ID: <3C20EC31.786A428B@oda.com.au>
Source record: 7334
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Rob Janssen wrote:
> But NO, we stick to 1200 baud and we forever will.

Packet radio is stuck in a time warp!

Nevertheless, there are things that can be done to optimise even 1200.

I note that the APRS standard includes a compressed format for position info.

Not only is the compressed format not universally used, but it seems wide practice for stations to include a lengthy text promo in their beacons, and beacon user content seems to average around 70 bytes for iGated traffic heard off air here. It seems to me that the probability of a frame of 100 bytes being received without error (important for unconnected mode) 30% of that of a 30 byte frame under poor signal conditions.

I wonder if people think as they configure up their mobile station that that superflous info in the beacon just halved their chances of being heard (successfully decoded).

Owen

2347. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 19:37:21 UTC
From: Owen Duffy <owen@oda.com.au>
Message-ID: <3C20EC71.B9D6505F@oda.com.au>
Source record: 7335
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

Andy Scott wrote:
> ...but is it really necessary to know the exact location of mobiles in
> real-time on an Amateur reporting system? Even for an emergency or
> training event with priority mobiles (e.g. ambulances), every 5 minutes
> would suffice, I would have thought. Then that drastically reduces the
> risk of data collision - particularly if operation takes place on a
> separate channel. (The APRS White Paper suggests 10 minute intervals
> for direct / local activity under such circumstances).

My reading of the 'APRS Standard' suggests that listening for 10 minutes (the 'cycle time') should give a station a high expectation of accumulating a total picture of the local area (meaning stations that will be heard without the need for a digipeater).

To me, this means a minimum beacon interval of 10 minutes for each station, but does not of itself suggest a lower limit for an individual station beacon interval.

The beauty of standards, they mean different things to different people!

Owen

2348. Re: APRS capacity

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 21:18:56 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <udcoZLAARQI8Ewsq@peaksys.co.uk>
Source record: 7336
Cross-posted to: aus.radio.amateur.digital,rec.radio.amateur.digital.misc

In article <3C20EC31.786A428B@oda.com.au>, Owen Duffy <owen@oda.com.au>
writes
>
>
>Rob Janssen wrote:
>> But NO, we stick to 1200 baud and we forever will.
>
>Packet radio is stuck in a time warp!

As an amateur radio mode, there is much to be said for using 1200 baud.
KISS (not in the TNC mode sense of the word) and all that.

>I note that the APRS standard includes a compressed format for position
>info.

It actually includes two "compressed" formats - compressed format and
Mic-E format - and the two are widely confused.

>Not only is the compressed format not universally used,

Compressed format is hardly used at all, and is poorly supported by some
of the software. Mic-E is fairly widely used by mobiles. However, to
return to the "KISS" theme, both suffer the disadvantage of not being
human-readable. I think that's a real disadvantage, both from the point
of view of attracting new users, and in any emergency use, where there
might be someone wanting to read the location information, who didn't
have special software/hardware available to decode the compressed data.
Personally I think the extra few bytes needed for non-compressed beacons
is a small price to pay for the increased intelligibility. When it comes
to putting your life history in the beacon comment, it's the same length
irrespective of whether compressed format is being used!

> but it seems
>wide practice for stations to include a lengthy text promo in their
>beacons, and beacon user content seems to average around 70 bytes for
>iGated traffic heard off air here.

Such is amateur radio, it's never perfect is it? (But if it was, what on
earth would everyone moan about? ;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2349. New links on site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-19 22:21:53 UTC
From: F5LCY <f5lcy@online.fr>
Message-ID: <3c21146f$0$205$626a54ce@news.free.fr>
Source record: 7337

```
Site updated today : http://f6keh.free.fr/index_r
```

2350. FS Timewave DSP-599zx

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 04:44:08 UTC
From: Alan Caplan <alan.caplan@att.net>
Message-ID: <s0eU7.233089$3d2.11149081@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7338

I have a brand new DSP-599zx never used with
sales slip and warranty. Latest software. Sells
for $359 to $399 also 1Amp pwr supply.
$325 + share shipping. Bought for DX expedition
that did not come about.

--
Alan B Caplan, K4AVQ & P40AV
14020 140th Court
Apple Valley, MN 55124-9422
USA
Phone 952-431-5070
1-800-288-7369 (9am-4:30pm CST)

2351. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 12:03:45 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <1103_1008849825@news.fuse.net>
Source record: 7339

Not to mention the mode is proprietary as SCS has choosen not to put it in the public domain like Pactor II. What good is it if you can only get equipment from ONE vendor to operate that mode? That's one reason Pactor has lost popularity to PSK31, MFSK, etc.

JMHO

Duffy

On Tue, 18 Dec 2001 21:04:21 -0600, sethmiller-removethis-@email.com wrote:
>
> Ooops... OK, I stand corrected... forgot about the 300 baud limitation... guess I
> need to be re-tested.
>
> - Seth
>
>
> Ralph Mowery wrote:
>
> > Maybe this part will apply ?
> >
> > Par5 97.301
> >
> > (3) Only a RTTY or data emission using a specified digital code
> > listed in Sec. 97.309(a) of this part may be transmitted. The symbol
> > rate must not exceed 300 bauds, or for frequency-shift keying, the
> > frequency shift between mark and space must not exceed 1 kHz.
> >
> >
>

J. Duffy Beischel - Amateur Radio WB8NUT

Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners
and the vast Right Wing conspiracy to get the Clintons

"If the government owned all the guns, would we still be a free people?"

2352. Re: FS Timewave DSP-599zx

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 19:54:07 UTC
From: paul friedman <pfriedman8426@mediaone.net>
Message-ID: <zlrU7.10829$yC.624679@typhoon.mn.mediaone.net>
Source record: 7341

Alan:

I am interested in the DSP-599zx. If I read your notice correctly, the price includes the power supply. Please confirm and let me know if the unit is still available.

By the way, I'm local (St. Paul), so the sharing of shipping should only involve who buys the coffee at the nearest Starbucks. <grin>

Paul Friedman AB0SI

"Alan Caplan" <alan.caplan@att.net> wrote in message news:s0eU7.233089$3d2.11149081@bgtnsc06-news.ops.worldnet.att.net...
> I have a brand new DSP-599zx never used with
> sales slip and warranty. Latest software. Sells
> for $359 to $399 also 1Amp pwr supply.
> $325 + share shipping. Bought for DX expedition
> that did not come about.
>
> --
> Alan B Caplan, K4AVQ & P40AV
> 14020 140th Court
> Apple Valley, MN 55124-9422
> USA
> Phone 952-431-5070
> 1-800-288-7369 (9am-4:30pm CST)
>
>

2353. Re: AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 19:55:01 UTC
From: jdouglas@timewave.com
Message-ID: <3c2237d0.11073830@news.mcleodusa.net>
Source record: 7340

On Tue, 18 Dec 2001 22:19:22 +0000, Roger Barker <roger@peaksys.co.uk>
wrote:

>I have been trying to obtain a copy of the AEA/Timewave TNC host mode
>docs. Unfortunately Timewave tech support don't reply to my emails. Does
>anyone know where I might find a copy elsewhere on the net?
>
>--
>Roger Barker, G4IDE - roger@peaksys.co.uk
>For UI-View go to - http://www.UI-View.com
>For WinPack go to - http://www.peaksys.co.uk

Hello Roger;

I'm suprised that you have not heard fron some one at Timewave, what
emaill address did you use? The Host mode documentation is available
in the PK-232 Technical Manual. $24.95 plus S/H

John NISL
Timewave Technology

2354. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 21:04:27 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u24kj9ag5ld02d@corp.supernews.com>
Source record: 7342

There are a number of vendors supplying Pactor equipment but only one (SCS) supplying Pactor II or III. Certainly having to pay $600 for hardware to operate the modes limits its popularity. Most people would rather download free software and use the hardware they've got sitting around anyway (computer and sound card). PSK31 is a better mode for keyboard to keyboard QSOs anyway so its a no brainer.

Pactor and Clover have their place - if you want to send non-text data or handle automatic message traffic.

2355. Re: AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-20 21:47:20 UTC
From: Roger Barker <roger@peaksys.co.uk>
Message-ID: <Eo2y0hAoxII8Ew7$@peaksys.co.uk>
Source record: 7343

In article <3c2237d0.11073830@news.mcleodusa.net>, John Douglas
<jdouglas@timewave.com> writes
>On Tue, 18 Dec 2001 22:19:22 +0000, Roger Barker <roger@peaksys.co.uk>
>wrote:
>
>>I have been trying to obtain a copy of the AEA/Timewave TNC host mode
>>docs. Unfortunately Timewave tech support don't reply to my emails. Does
>>anyone know where I might find a copy elsewhere on the net?
>>
>>--
>>Roger Barker, G4IDE - roger@peaksys.co.uk
>>For UI-View go to - http://www.UI-View.com
>>For WinPack go to - http://www.peaksys.co.uk
>
>Hello Roger;
>
>I'm suprised that you have not heard fron some one at Timewave, what
>emaill address did you use? The Host mode documentation is available
>in the PK-232 Technical Manual. $24.95 plus S/H

As I said in my previous follow-up, as a result of my posting in this
ng, someone has now contacted me.

The address I used was techsupport@timewave.com, which I got from your
web site. My last email was sent on 11th December, it didn't bounce, and
it said -

"Could you tell me where I can find host mode documentation for your
TNCs? Thanks."

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.UI-View.com
For WinPack go to - http://www.peaksys.co.uk

2356. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 00:02:22 UTC
From: sethmiller-removethis-@email.com
Message-ID: <3C227C0E.5757DAAC@email.com>
Source record: 7344

Or, another way of putting it is that the 'freeware' modes are only good for keyboard-to-keyboard contacts... useless for any application that requires decent throughput.

Other than that the Pactor modes are not free (gasp!) it is not necessarily true to say that PSK31 is superior. PSK31 utilizes less bandwidth (and is free) but there is simply no comparison between PSK31 and Pactor II performance under very poor signal conditions. I'll agree that the freeware modes are usually a more popular choice for keyboard chats and that we owe a debt of gratitude to those hams who have enough spirit to put so much time and effort into software made available in the public domain, but I'm also glad that there are are at least some commercial operations developing high-performance hardware for those who desire more out of HF data applications that is available from PC-based software. It is not appropriate to castigate them or moan if they dare to make some aspects of their work proprietary.

Sorry if it's not in the public domain, sorry if it's not free, but not everything can be, or should be...

- Seth

"Bob Lewis (AA4PB)" wrote:

> There are a number of vendors supplying Pactor equipment but only one
> (SCS) supplying Pactor II or III. Certainly having to pay $600 for
> hardware to operate the modes limits its popularity. Most people would
> rather download free software and use the hardware they've got sitting
> around anyway (computer and sound card). PSK31 is a better mode for
> keyboard to keyboard QSOs anyway so its a no brainer.
>
> Pactor and Clover have their place - if you want to send non-text data
> or handle automatic message traffic.

2357. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 02:25:07 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u257c6bi5hsoa6@corp.supernews.com>
Source record: 7345

> Other than that the Pactor modes are not free (gasp!) it is not
necessarily
> true to say that PSK31 is superior.

I didn't say that PSK31 was superior to Pactor. What I said was that PSK31 was a better keyboard to keyboard mode (which it is IMHO and for which it was also designed). I also am not moaning about SCS charging for Pactor II. I own an SCS PTC-II that I've had since shortly after they were first released.

Pactor and Clover are the best presently available when you need error-free, ARQ systems such as traffic handling, non-text files, or automatic systems. PSK31 has a nicer, easier to read flow of data for normal QSOs where you can stand to have some errors. Each has it's own advantage for a particular application. Neither one is "superior" to the other unless you specify the application where it will be used.

2358. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 03:32:33 UTC
From: sethmiller-removethis-@email.com
Message-ID: <3C22AD51.EB090A53@email.com>
Source record: 7346

Bob,

Actually, I was referring specifically to keyboard to keyboard contacts in my comment and was trying to say that even for these Pactor II may be superior in some situations... after all, if band conditions are such that a PSK31 contact is impossible and a Pactor II contact is (a not at all improbable situation), then the mode that allows communication would probably be the best, right?

That said, sorry about the 'moan' comment, maybe a little strong and wasn't intended to be aimed at you personally but rather the usual chorus that pops up whenever an SCS product is mentioned, complaining that they do not give their work away for free. I recognize that you did not say that but unfortunately I had quoted your comment below my message so the misunderstanding was my fault. Sorry about that and please accept my apology.

- Seth

"Bob Lewis (AA4PB)" wrote:

> > Other than that the Pactor modes are not free (gasp!) it is not
> necessarily
> > true to say that PSK31 is superior.
>
> I didn't say that PSK31 was superior to Pactor. What I said was that
> PSK31 was a better keyboard to keyboard mode (which it is IMHO and for
> which it was also designed). I also am not moaning about SCS charging
> for Pactor II. I own an SCS PTC-II that I've had since shortly after
> they were first released.
>
> Pactor and Clover are the best presently available when you need
> error-free, ARQ systems such as traffic handling, non-text files, or
> automatic systems. PSK31 has a nicer, easier to read flow of data for
> normal QSOs where you can stand to have some errors. Each has it's own
> advantage for a particular application. Neither one is "superior" to
> the other unless you specify the application where it will be used.

2359. PSK31 portable laptop suggestions?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 05:09:45 UTC
From: ebruchac@aol.comnojunk
Message-ID: <20011221000945.08633.00001100@mb-fz.aol.com>
Source record: 7347

Any suggestions for an older laptop to run PSK31 portable? I know we're talking soundcard and at least 100mhz processor,but would like a recomendation for an older laptop,lightweight and with a small screen that we could carry hiking.
Tnx,
Ed N4ZUM

Remove the,"nojunk" to email.

2360. Re: AEA/Timewave host mode docs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 11:56:42 UTC
From: "Alan P. Biddle" <WA4SCA@AMSAT.ORG>
Message-ID: <bg862ugdl33fg6lbh8sukqj36j2gcqe1h5@4ax.com>
Source record: 7348

John,

I dropped a note to your support address concerning the undocumented AGC M/N command which exists in the DSP-2232, where M and N range from 0 to 3. It does something, in that I have been able to slightly improve data recovery, or kill it completely, by changing the parameters. Perhaps some information in the firmware source docs?

Again, after several days no response. A simple "we don't know" or "I'll take a look" would be appreciated. I understand that this is a discontinued product, and is "documentationally challenged." :)

--
Alan
WA4SCA

2361. Re: Pactor III?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-21 13:00:03 UTC
From: "Bob Lewis (AA4PB)" <rlewis@staffnet.com>
Message-ID: <u26cjd90iufp85@corp.supernews.com>
Source record: 7349

> then the mode that allows communication would
> probably be the best, right?
>
Can't argue with that Seth :-) It's hard to proclaim a mode as "best"
unless you also describe the conditions over which it will be used.

2362. PSK31 for Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-22 18:19:27 UTC
From: N7RX <n7rx@arrl.net>
Message-ID: <P84V7.1406$6p.8474@rwcrnsc54>
Source record: 7350

Can anybody help me install some PSK31 software for Linux? I have plenty of skill on the radio/PSK side, but Linux is new to me. Ideally, I'd lke to have an HF sked using a voice mode instead of trading email, although I'd be happy to trade email on this topic.

73 Neal N7RX

2363. SOLD Timewave DSP-599zx

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-22 22:09:09 UTC
From: Alan Caplan <alan.caplan@att.net>
Message-ID: <9w7V7.236938$3d2.11424541@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7351

Alan K4AVQ

2364. SOLD Timewave DSP-599zx

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-22 23:56:26 UTC
From: Alan Caplan <alan.caplan@att.net>
Message-ID: <K49V7.237033$3d2.11430894@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7352

> --
> Alan B Caplan, K4AVQ & P40AV

2365. Wanted.....

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-23 03:27:40 UTC
From: jbeckett@stny.rr.com
Message-ID: <ahja2usp1jehel633r44413gb92dusfvff@4ax.com>
Source record: 7353
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc

```
Wanted

Multicoupler-
RF Systems DA-4 or
Stridsberg MCA 104

CV-591A

HAL ST8000

Hoka?

Jim
KD2KU
jbeckett@(NOSPAM)stny.rr.com
remove (NOSPAM) to email
```

2366. ARNewsline 1271 - Dec 21 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-23 04:04:59 UTC
From: radionews@aol.com
Message-ID: <20011222230459.24476.00001098@mb-fc.aol.com>
Source record: 7354

AMATEUR RADIO NEWSLINE(tm) REPORT #1271 - DEC 21, 2001

Amateur Radio Newsline report number 1271 with a release date of Friday, December 21st, 2001 to follow in 5-4-3-2-1.

The following is a Q-S-T. A national ham radio society is asked to train new hams for government service. This story is first on this weeks Amateur Radio Newsline report number 1271 coming your way right now.

(Billboard Cart Here)

**

THE EDUCATION SCENE: HAM TRAINING LEADS TO SA GOVERNMENT JOBS

A government agency has asked a national ham radio society to help train new hams. The reason. careers with that agency. Its happened in South Africa as we hear from Q-News Graham Kemp, VK4BB:

--

In South Africa, their Department of Communications contacted the SARL with the request to train seventeen post graduate students as amateur radio operators. These students had already qualified in different fields, some technical and some in the Information Technology fields. There were nine ladies and eight men. From next year they will be employed by the Department of Communications, and the idea was to give them some experience in the field of radio communications.

Training was done by Henry Chamberlain, ZS1AAZ, over a period of one full month. In addition to lectures, the students could see practical demonstrations of amateur radio and they spent one period building and testing a Morse Code practice oscillator. They also visited ZS1AAZ's home shack. The seventeen students had already proved their ability by passing their previous studies successfully. It was therefore no surprise that they ALL passed the amateur examination.

For the Amateur Radio Newsline, I’m Graham Kemp. VK4BB, of Q-News.

--

The seventeen will be assigned specific jobs with the South African Department of Communications in early 2002. (SARL, Q-News)

**

SPECTRUM SHARING: FCC SAYS YES TO HIGHER POWER UNLICENSED TRANSMITTERS AT 2.4 GHZ

The FCC has approved issued new rules permitting certain unlicensed Part 15 devices operating between 2405 and 2450 MHz to use higher power, but under significant restrictions. The band is allocated to amateurs on a co-secondary basis. Amateur Radio Newsline's Norm Seeley, KI7UP, takes a look at the FCC action:

--
According to the C-Q Magazine website, the decision was adopted on December 11Th. In it, the FCC approved a petition by Sierra Digital Communications, Inc. to permit unlicensed fixed point-to-point transmitters in the band to operate at field strengths of up to 2500 millivolts per meter. This is a tenfold increase over past power limitations.

Sierra Digital Communications manufactures and sells equipment for wireless data communications, including high-speed wireless computer networks and Internet links. The ARRL had opposed Sierra's petition on the basis of increased risk of interference to amateur and amateur satellite operations. This is because the downlink from the AO-40 satellite is in the 24 GHz band.

But the FCC said it believed the restrictions it is imposing on the higher-power transmitters will provide sufficient protection to other users. This includes industrial/scientific/medical equipment, radar and Earth exploration satellites, in addition to amateur radio. The new rules require highly directional antennas and high frequency stability of transmitters.

For the Amateur Radio Newsline, I'm Norm Seeley, KI7UP.

--

In its decision, the FCC singled out an ARRL comment where the League clamed that Part 15 devices are permitted by the Communications Act of 1934 only where they have no interference potential to licensed services. The Commission called the League's interpretation of the law overly conservative. It said that its rulings to date appropriately provide a means for allowing unlicensed devices to share spectrum with licensed services with little risk of interference and adequate protection to licensed service. (CQ)

**

HAM RADIO AND THE WAR: MARS ON THE AIR FROM THE WAR ON TERROR

Ham radio is making it possible for those fighting the war against terrorism to phone home. This as the ARRL Letter announces that Army Special Forces on duty in Islamabad, Pakistan, and in other undisclosed locations have begun keeping in touch with home via MARS -- the Military Affiliate Radio System.

Phone patches provided by the Military Affiliate Radio System make it possible for troops to call their families in the US from areas where commercial communications channels are not available. Amateur Radio operators enrolled in MARS provide the connection between the Military Affiliate Radio System stations deployed overseas and the telephone system back home.

During the Vietnam War, phone patches were a major source of comfort to families and service members alike. MARS also responded during Operation Desert Storm. (ARRL)

**

BREAK 1

Wishing you a Happy Holiday from the United States of America, we are the Amateur Radio Newsline, heard on bulletin stations around the world, including the Great South Bay Amateur Radio Club repeater, W2GSB, serving West Babylon New York.

(5 Sec Pause Here)

**

HAM RADIO AND THE WAR: GODDARD ARC FEELS THE PINCH

The Goddard Amateur Radio Club says that it has been having serious problems with manpower lately and the war on terrorism is partly to blame. This is because new security restrictions imposed after September 11th require all visitors to Goddard to be escorted by a badged employee at all times.

According to Dan Schultz, N8FGV writing to the Amsat Bulletin Board, the clubs WA3NAN ham shack is located on government property we are bound by the new restrictions. This says Schultz makes it much harder to bring in control operators who are not Goddard employees. As a result, WA3NAN which for years has been the primary rebroadcaster of shuttle communications on the ham bands is not there as often as it would like to be.

Schultz also notes that the Goddard Amateur Radio Club currently has no president because no one has stepped forward to accept the job. The position of Shuttle Retransmission Director is also vacant, this is the person who makes the phone calls to get operators lined up to pull shifts at the retransmission facility.

Schultz says that the long term technical solution will be to automate the station with remote controls and telemetry for the transmitters so that the retransmission operator can operate from his home. But adds N8FGV, but that is still a little ways off in the future. As a result, WA3NAN is not there as much as it used to be. (AMSAT-BB)

**

AMERICA AT WAR: NEW HOMELAND TERRORIST ALERT SYSTEM PROPOSED

Homeland security chief Tom Ridge is considering a multistage system for terrorism alerts. Ridge is also weighing how to reimburse states for the costs of increased security since the terror attacks.

Since the September 11th terrorist attacks on New York and Washington, Ridge has issued three general warnings. None of the alerts identified specific targets.

Now, according to news reports, Ridge will propose a four-stage Threat Alert Network similar to the military's DEFCON'' system. DEFCON alerts military personnel to the seriousness of a threat. A private sector version would be aimed at helping state and local law enforcement personnel determine the level to react to a Federal government issued terror warning.

The proposal came to light after California Governor Gray Davis met with Ridge about a week and a half ago. Davis told Ridge he had proposed such a similar system for California, and said Ridge had asked him to wait pending a national model. Ridge told Davis that he hopes to unveil the national system by January 15th of 2002. Whether or not ham radio will play any part in such an alert system is not known as we go to air. (Published news reports)

**

AMERICA AT WAR: CONFERENCE HELD ON ALERTING THE PUBLIC

Still in there area of alerting the public, more than 120 leaders from the emergency warning community met November 30th and unanimously called for the creation of a public-private partnership. This, aimed at improving the delivery of timely and accurate emergency information to people at risk. Don Wilbanks, KC5MFA reports:

--

The group came together at a special conference arranged by the National Warning Organizing Committee. This is a group of emergency warning advocates representing the public and private sectors.

Those attending included federal, state and local government officials, not-for-profit organizations, and representatives from the private sector. And in the end the group has tasked itself to improve the delivery of warnings and emergency information to the public. This, through better education, research, standards creation and policy recommendations.

The Committee Chairman is David Liebersbach, Director of the Alaska Division of Emergency Services. He has appointed Peter Ward, formerly of the U.S. Geological Survey and chair of a White House-appointed working group on natural disaster information systems, to head up a committee to determine the new organization's structure and governance. Ward also serves as the new organization's spokesman. More news on the work of this committee as information is released.

For the Amateur Radio Newsline, Don Wilbanks, KC5MFA, in New Orleans.

--

The conference was hosted by The MITRE Corporation in McLean, Va. MITRE is a not-for-profit national technology resource that provides systems engineering, research and development, and information technology support to the government. (MITRE)

**

HAM RADIO AND EDUCATION: HAM RADIO MASS BALLOON LAUNCH

The Timberlane Regional High School, in Plaistow New Hampshire will be taking part in a high altitude experiment next spring. This with an announcement that the Coordinated Algebra II and Physics classes taught by Lorainne Mascioli, N1VYQ, and Lou Broad, N1RCA, are planning thier third year of ham radio and high altitude balloons in May of 2002.

Six student teams will attempt to launch their balloons at the Hosstraders Ham Fest at the Hopkington Fair Grounds in New Hampshire. Each team is responsible for design, construction, and operation of their system. Each balloon will carry a GPS receiver, a packet reporting system and several experimental payloads. This could include cameras, video, amateur television and cross band repeaters. At maximum altitude such systems will have a range of 300 miles and should easily cover all of New England and more.

The class has grown to 34 students and they are planning to launch six balloons in a two day period! This could make it a record breaking event in both ham radio and high altitude ballooning. For more information check out the CAPSAT Website located in cyberspace at
http://www.mv.com/ipusers/llb/capsat.html (Via Internet)

**

HAM RADIO SPOTLIGHTED IN POUGHKEEPSIE JOURNAL

New York’s Poughkeepsie Journal has highlighted ham radio in a December 6th front page article. The piece focused on the public service aspects ham radio with quotes and pictures.

According to Andrew Schmidt, N2FTR, who is an ARRL Assistant Director in the League’s Hudson Division, many Poughkeepsie area local hams spent time at Ground Zero or at the Red Cross centers in the greater NYC area following the September 12th terrorist attacks. Andrew says that their work is well highlighted in the article. The link is:
http://www.poughkeepsiejournal.com/thursday/community/stories/co120601s12.shtml. (Via Internet)

**

A SPECIAL AM EVENT: THE HEAVY METAL RALLYE

This is Paul Courson WA3VJB with news of an operating event Saturday night, December 22nd. It's the Heavy Metal Rally, featuring big iron, vacuum tubes, and the warm and inviting sound of AM on the shortwave ham bands.

Starting around local sunset listen for rigs in the 250 watt or 250 pound category to populate AM gathering points on 160, 75 and 40 meters.

Jim, W8MAQ was testing HIS 1947 Collins 300-G a few days ahead of the Heavy Metal Rally. The retired broadcast transmitter re-tuned to 75 meters sounded like this:

In-Q: it's been great to get on... 300-G..
Out-Q: forward to that

--

Prizes include a trophy, pictured as a posting on QRZ.com, for the best sounding station.

Last year more than a hundred stations took part -- and the winner was Mike, WN3B, on a Gates 250-C. He gave Jim an audio report the other night:

--
In-Q: It's got more highs....
Out-Q: Shure 55
--

The Heavy Metal Rally is sponsored by Electric Radio, a magazine featuring vintage ham radio, and published by Barry N6CSW. The event was pioneered by Bill, KD0HG of Colorado, a broadcast engineer with a knack for big homebrew rigs that sound great.

Frequencies and a website are listed on the news page of QRZ.com.
Paul Courson, WA3VJB, Annapolis Maryland.

**

HAM RADIO HISTORY: COLLINS RADIO CENTER NOW OPEN

The new Collins Radio Center which is the headquarters for the Collins Radio Association is now officially open for guests and visitors. Located near Johnstown, Pennsylvania, the Collins Radio Center includes a representative collection of Collins radio equipment, from the 1930's to the present. There are other classic and antique radios on display as well. More information is on the web at www.collinsra.com. (Collins RA Press release)

**

HAM RADIO BUSINESS: CITY ELECTRONICS - RIP

Alex Stalinsky, WA5UHT, who owns City Electronics, a small parts outlet in Houston for almost 50 years, has decided to call it quits. According to Chris Boone, WB5ITT, this place was one of the main sources of parts, components in Houston long before the likes of Mouser and Digikey took off in mail order sales.

Chris tell Amateur Radio Newsline that he bought many parts from City Electronics in his early days of repeater building. In fact, Chris says his mother claimed that he owned half of the local Radio Shack but she was wrong. It was really like he was a part of City Electronics as were many other young Houston area hams and Chris tells Amateur Radio Newsline, it will be missed. (WB5ITT)

**

BREAK 2

By telephone, satellite and the World Wide Web, we are the amateur Radio Newsline with links to the world at our only official website - www.arnewsline.org.

**

EMERGING TECHNOLOGY: INTELS NEW WARP SPEED CHIP

In another step toward faster computers, Intel Corp. has developed two new technologies that will help the tiny transistors inside microprocessors run cooler, use less power and operate more efficiently. The new designs

complement several recent breakthroughs in building minuscule transistors that form the basis of all modern computing as they switch on and off billions of times a second. Earlier this year, Intel unveiled transistors just 20 nanometers wide. Today's Pentium 4 has 42 million transistors, each about 180 nanometers. For reference, a manometer is about 10,000 times narrower than a human hair. (Intel)

**

EMERGING TECHNOLOGY: DTV ROLLOUT UPDATE

Roughly two-thirds of commercial television stations plan to broadcast a digital signal by a federal government deadline of May 1, 2002. This, according to the National Association of Broadcasters.

In a report to the Federal Communications Commission, the industry group said that many of those that won't make the deadline are waiting for equipment to be delivered and expect to have digital broadcasts on the air in the months afterward. But some stations in smaller markets are having a hard time paying for the upgrade, the association says.

Right now, most home television sets in use receive only analog signals. But congress has mandated that broadcasters must give up their analog channels to the government by 2006. As a result, there are concerns that consumers won't have made the costly upgrade to televisions that can receive digital signals by that date. (Broadcasting Daily)

**

HAM RADIO IN SPACE: EXPEDITION 4 CREW NOW ON THE ISS

An all ham crew is now in charge of the International Space Station and will be for the next six months.

Three astronauts and cosmonauts now running the ISS. They are Russian Commander Yuri Onufrienko, RK3DUO, along with American Flight Engineers Dan Bursch, KD5PNU, and Carl Walz, KC5TIE. They make up what is called the Expedition 4 crew and all three are expected to be on the air regularly for school contacts and possible open QSO times made available to talk with hams worldwide, as time permits.

The Expedition 3 crew comprised of United States Commander Frank Culbertson, KD5OPQ, along with Russian Flight Specialists Mikhal Tyurin and Vladimir Dezhurov is now back on good old Mother Earth. They returned on Monday, December the 17th aboard the space shuttle Endeavour. (AMSAT-NA, ARISS)

**

HAM RADIO IN SPACE: EDUCATIONAL ASSISTANCE FROM VK5ZAI

Attention educators. If you are thinking about teaching the International Space Station, here is a bit of assistance.

Tony Hutchison, VK5ZAI has updated his web pages with links to help schools in obtaining educational programs associated with the I-S-S and space science in

general. Hutchison says that this should be of interest students and teachers alike especially if they are contemplating applying for a ham radio contact with the astronauts on the station.

Hutchison is the Australian ARISS Coordinator. His website in cyberspace at www.electric-web.org (VK5ZAI)

**

SPACE AND SCIENCE: CHINA ON THE BRINK

Space Daily reports that China is getting ready to launch its third unmanned spaceship. This, to pave the way for sending that nations first astronaut into space sometime next year. China is reportedly also in final testing and preparation to launch a new satellite dedicated to study ocean colors and related phenomena. (Space Dailey)

**

DX

In DX, 9V1YC reports that he and eleven other hams will be activating South Georgia and South Sandwich Islands in January and February of 2002. The operation will be strictly on the high frequency bands. Exact dates, call signs and QSL managers are not being made public until the group is actually on the air. The New Zealand registered vessel "Braveheart" of ZL9CI fame will be supporting this team for the entire 30 day trip. (RSGB)

A bit higher in frequency, Jeff Klein, K1TEO reports that December 6th was another great D-X day on the 6 meter band. Jeff who lives in Connecticut says over the VHFReflector that the band was open for a solid two hours beginning at 7:30 am local. And talk about D-X. On his very first C-Q he landed HB9QQ who was operating portable HB0. Even better, Jeff says that the fifth caller was 4X1RF. (VHF Reflector)

Over in Great Britain hams are actually D-Xing for charity. Jeramy Boot G4NJH, reports from Nottingham in the U-K.

--

Every year in September, the British Wireless Fund for the Blind -- a registered charity - organises a fund-raising event in which amateur radio clubs and individuals are sponsored for the number and distance of the contacts that they make. As of the 11th of December, the British Wireless for the Blind Fund reported that 'Transmission 2001' had raised £6681.48, with more coming in every day. They say that they hope the final total will reach £7000. The charity offers prizes to the club and individual raising the greatest amounts.

This year the Cray Valley Radio Society operating as GB2FB and taking part for the first time, won the prizes for the club raising the most money and for making the most contacts. Robert Guscott, M5GUS, operating as GB0WB, won the prize for the leading individual.

Jeramy Boot, G4NJH.

--

The bottom line. This is another way that hams can not only enjoy their hobby, but can help others at the same time. (G4NJH)

**

THAT FINAL ITEM: A HAM RADIO CHRISTMAS STORY

And finally this week, the story that we wait all year to tell you. Its the ongoing story of hams who care about hospitalized children and what they do to bring a bit of holiday cheer to those kids who cannot make it to the mall to spend a few moments with old Saint Nick. Here’s Amateur Radio Newsline’s Joe Moell, K0OV:

--

As most hams know, propagation is very good this time of year. It's so good that it's easy to make contact with the North Pole. Many clubs around the country are taking advantage of these propagation conditions to set up QSOs with a very special North Pole station. They're making these contacts from hospitals and rehabilitation centers, and they sound like this:

--
Santa and Kids Audio Here
--

That's what the North Pole Network sounds like in southern California, where it's celebrating its 25th anniversary at Childrens Hospital of Orange County. In the past few days, I've heard from other clubs in the North Pole Network, including the AkSarBen ARC in Omaha and the Southwest Missouri ARC in Springfield. And YOUR club could bring holiday joy to hospital patients. There's a how-to article on the subject, with a dozen suggestions for your best North Pole Network ever, currently running on ARRL's Web site. That's arrl.org, of course. And there's even more about North Pole Network in southern California, plus lots of photos showing a quarter century of holiday fun, at the Hospital Disaster Support Communications System Web site, www.hdscs.org. Check it out, and start planning for your own North Pole Network joy.

--
Santa And Kids Audio Here
--

Joe Moell K-zero-Oscar-Victor for Amateur Radio Newsline.

--

From us here at Amateur Radio Newsline: A Merry Christmas to those very special kids and a Merry Christmas to all of you.

**

NEWSCAST CLOSE

With thanks to Alan Labs, Amateur News Weekly, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB and Australia's Q-News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

Before we go, some get well wishes to our longtime friend Ron Broadbent, G3AAJ. Ron is the former Secretary of AMSAT-UK. He is in the hospital in the U-K and will be undergoing surgery. AMSAT says that he hopes to be home by Christmas. Get well wishes can be sent by e-mail to g3aaj@amsat.org.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Jeff Clark, K8JAC and I’m Jim Damron, N8TMW, saying Happy Holidays, God Bless America, 73, and we thank you for listening." Amateur Radio Newsline(tm) is Copyright 2001. All rights reserved.

**
End Newscast
**

RAIN PROMO HERE

2367. Need Computerized Vacuum Tube List

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-25 20:28:45 UTC
From: integritylost@aol.com
Message-ID: <c8d7c442.0112251228.8690e88@posting.google.com>
Source record: 7355

>I am trying to determine if a CD-ROM or Floppy Disk exists listing all
>Vacuum Tubes. It would be preferable if the program had a database of
>individual tube specifications but a simple listing would be
>satisfactory. Any help will be appreciated.
> Frank 'Jamie' Jamison - W5YSM - Email: integritylost@aol.com

2368. RigBlaster + W32A = how?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-27 00:57:30 UTC
From: Stuart Blake Tener <stuart@misty.com>
Message-ID: <a0b7jh$g8g$1@news.misty.com>
Source record: 7356
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc

W32A owners:

I am interested in purchasing (if anyone has one for sale, please let me know!) a RigBlaster NOMIC and using it with a W32A. Before I would purchase one, I am curious if anyone has been successful in such an endeavor?

What are the pinouts for the jumpers inside? What are the pinouts for the cables? Are the cables hard to make?

Stuart
Beverly Hills, CA
N3GWG

2369. Packet to Internet (Telnet) Gateway, Help needed.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-27 01:01:28 UTC
From: Brendan Minish <bminish@oceanfree.net>
Message-ID: <h2sk2u8037qna1jtsnnocua7oai0j8cbs2@4ax.com>
Source record: 7357

I am trying to work out how to set up a gateway which will allow local VHF packet users to connect to a telnet acessabe node via an always on internet connection.

What I have
a PC running win2k with an always on connection
A Tiny-2 Mk2 tnc with standard & wa8ded firmware
a 2m radio

What I would like to be able to allow would be to provide multiple local VHf packet users to connect to a telnet node such as the one at 5b4ndx.cyhams.org

I do not want to allow incoming telnet connections (I.e telnet to radio)

How do I set this up?

73
Brendan EI6IZ
--
Brendan Minish

2370. FT-847 and Quick Basic

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-27 20:06:16 UTC
From: John Hypes <johnhypes@hotmail.com>
Message-ID: <9pvm2u0pvo3fs12jh8f9mfcleeo5qsvl1l@4ax.com>
Source record: 7358

I am looking for a quick basic program that accesses
the CAT port of the FT-847 radio.

Hextar.

2371. Re: Packet Cluster Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-28 18:31:55 UTC
From: Oliver Hohlfeld <Oliver.Hohlfeld@gmx.de>
Message-ID: <a0idfk$5fk$06$1@news.t-online.com>
Source record: 7359

Bob Lewis (AA4PB) wrote:

> Some years ago there was a DOS program that monitored the packet
> cluster (unconnected) and displayed the spots. Any one know of a
> Windows program that works that way?

WinGT does the same job. It decodes cluster frames recieved on the
monitored frequency and display the colected data in a special window.
Further informations about the callsign (country, bearing, distance from
your QTH) are displayed as well.

Just try it: http://www.wingt.de

PS: As it's a German program I hope it's compatible to the PR systems used
in USA.

--
Oliver Hohlfeld <|> http://www.ohohlfeld.com

2372. Re: PSK31 for Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-28 18:38:16 UTC
From: Oliver Hohlfeld <Oliver.Hohlfeld@gmx.de>
Message-ID: <a0idrh$5fk$06$2@news.t-online.com>
Source record: 7360

N7RX wrote:

> Can anybody help me install some PSK31 software for Linux? I have plenty
> of skill on the radio/PSK side, but Linux is new to me. Ideally, I'd lke
> to have an HF sked using a voice mode instead of trading email, although
> I'd be happy to trade email on this topic.

Which software are you going to use? I can't give you any installation
hints if I don't know which software you would like to use. However, if
you're still looking for PSK31 software take a look at
http://radio.linux.org.au/?sectpat=psk31&ordpat=title

Bye for now,
Oliver

--
Oliver Hohlfeld <|> http://www.ohohlfeld.com

2373. ARNewsline 1272 - Dec 28 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-28 18:49:58 UTC
From: radionews@aol.com
Message-ID: <20011228134958.07199.00003309@mb-dh.aol.com>
Source record: 7361

AMATEUR RADIO NEWSLINE(tm) REPORT #1272 - DECEMBER 28 2001

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A NOTE TO THOSE WHO ONLY “READ” AMATEUR RADIO NEWSLINE(tm)

For those of you who only know of the Amateur Radio Newsline (tm) as a text newsletter we would like to invite you to listen to the audio version. This Amateur Radio Newsline (tm) script is actually written for the “spoken word.” It is recorded each by professional broadcasters and is available for private listening or rebroadcast over your repeater. Three methods of delivery are available: Streaming audio using RealAudio, FTP RealAudio or dial-in telephone. Please visit our website at http://www.arnewsline.org for a list of telephone numbers (you have to pay your own long distance charges) and links to audio servers providing our voice newscast (for free).

de
The Newsline Production Team

==========

Amateur Radio Newsline report number 1272 with a release date of Friday, December 28th, 2001 to follow in 5-4-3-2-1.

The following is a Q-S-T.

A not so welcome FCC Christmas present for several hams and an ARRL survey says that most hams no longer want the novice bands. These stories are first on this New Years week edition of the Amateur Radio Newsline coming your way right now.

(Billboard Cart Here)

**

ENFORCEMENT: FCC DESIGNATES KEVIN MITNICK, N6NHG, LICENSE RENEWAL APPLICATION TO PUBLIC HEARING

A convicted computer hacker now has to face an FCC if he wants to keep his ham radio license. This, as the regulatory agency designates the Amateur Radio license renewal application of Kevin David Mitnick, N6NHG, for hearing. We have this report:

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According to the FCC, Kevin David Mitnick is best known to the world as a hacker who admitted that he broke into a number of computer systems and stole proprietary software belonging to Motorola, Novell, Fujitsu, Sun Microsystems and other companies. He has also admitted using a number of means to commit

his crimes including social engineering, cloned cellular phones ad sniffer programs placed on a victims computer system. Mitnick even acknowledged altering the programming of computer systems belonging to the University of Southern California and using these computers to store programs that he had misappropriated.

Mitnick was sentenced to forty six months in federal prison for his August 9th 1999 conviction. He had previously been sentenced to twenty-two months in prison for possessing cloned cellular phones after his arrest in North Carolina in 1995 and for violating his supervised release that had been imposed after his conviction for unrelated computer fraud in 1989. He is currently on probation following his release from prison in January of 2001. And in December of 1999, Kevin David Mitnick, N6NHG, applied for renewal of his Amateur Radio Station and his General Class Operators License.

His license expired on December 12th 1999. The FCC put the renewal application on hold pending further inquiry. Now the agency has made public that it intends to challenge Mitnick’s right to hold a ham radio license and has issued a Hearing Designation Order. In plain English, that means Kevin David Mitnick has to prove to the government why it should renew his ham ticket or have his license cancelled.

The FCC is challenging Mitnick’s license renewal request on the ground that his past criminal behavior raises a substantial and material question as to whether Mitnick possesses what the it terms as the requisite character qualifications to remain a Commission licensee. The FCC says that in the context of broadcasting licenses, it has long held that evidence of any conviction for misconduct constituting a felony will be considered as relevant to its evaluation of an applicant’s character. It also says that the broadcast character qualifications standards have been used as guidelines in the evaluation of non broadcast licenses including those in the Amateur Service and that the courts have upheld the Commission’s right to do this.

The agency cites two recent cases. That of Herbert L. Schoenbohm, the ex-KV4FZ and Leslie Brewer who used to be KC4HAZ. Brewer, also known as the Tampa Party Pirate lost his ticket because of his unlicensed broadcasting in the commercial F-M band . Schoenbohm lost his based on a fraud conviction of using an unauthorized telephone access device. And the FCC says that any conviction for fraudulent conduct calls in question a licensee’s ability to act in a manner consistent with FCC regulations.

And so the FCC has ordered that a hearing be held before an Administrative Law Judge to determine the effect of the criminal convictions of Kevin David Mitnick on his qualifications to be a Commission licensee. It also says that pursuant to provisions of the Communications Act, the burden will be on Kevin David Mitnick, N6NHG, to provide proof that his license renewal application should be granted. Mitnick was given 20 days of the mailing of the Hearing Designation Order to file a response.

For the Amateur Radio Newsline. I’m Andy Jarema, N6TCQ.

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The hearing designation order on Mitnick’s license was adopted by the Commission on December 11th but not released until Friday, December 21st. Ironically, less than twenty-four hours earlier, Mitnick had made a guest appearance on Art Bell’s Coast to Coast A-M where he discussed his future plans. At that time he was apparently unaware that the FCC had some plans of its own in regard to whether or not N6NHG will remain a radio amateur and Commission licensee.

The complete text of the Mitnick FCC Hearing Designation Order is on the web at: http://www.fcc.gov/Daily_Releases/Daily_Business/2001/db1221/fcc01359.txt (FCC)

**

ENFORCEMENT: GERRITSON LICENSE PLACED ON HOLD PENDING POSSIBLE HEARING

Kevin Mitnick, N6NHG, is not the only person hearing from the FCC in recent days. So have a number of others including another Southern California resident who could face the same kind of a hearing. Riley Hollingsworth, K4ZDH, is the FCC’s Special Counsel for Amateur Radio Enforcement:

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Hollingsworth: “We notified a Bell California licensee; Jack Gerritson, ex-KG6IRO, that the Wireless Telecommunications Bureau, had set aside his Technician grant so that a recent conviction for radio interference could be evaluated. Now, he has no authority to operate Amateur Radio equipment until the matter is resolved.”
--

The action to place Gerritson's license up for hearing was taken November 14, 2001 and is based in part upon complaints about the operation of his station and questions regarding Gerritson's qualifications to be a Commission licensee. The FCC says that both issues were raised as the result of Gerritson's 1999 arrest and year 2000 conviction for interference to police radio communications. (FCC)

**

ENFORCEMENT: FCC REOPENS KY-W.VA REPEATER CASE

The FCC is also continuing its crackdown in the area of repeater interference issues. In fact it is taking a second look at a coordinated versus uncoordinated issue in the Tennessee and West Virginia border area. Again, Riley Hollingsworth, K4ZDH:

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Hollingsworth: “We notified parties in a repeater dispute in West Virginia that we would be reopening that case after information that one of the repeaters is coordinated after all. We had declined to intervene earlier this year in that case.”
--

The letter stating that the FCC is reopening that case went to Michael Horn, KB8GDF, of Lenore West Virginia, Kenneth Brown KF8HL of Davin West Virginia and Carl Tussey, KB4UCE of South Williamson Kentucky. Back on January 24, 2001,

had notified the three that it had received a complaint that they were operating an uncoordinated repeater on 145.390 MHz in Mingo County, West Virginia, and that this repeater was causing interference to the coordinated KC8FKP repeater operated by the Portsmouth Radio Club that uses the same frequency. The matter was closed when the FCC interpreted a notation in the South-Eastern Repeater Associations Repeater Journal that the status of the KC8FKP repeater was not known and interpreted this as meaning that the repeater was also was not coordinated.

But now the FCC says that it has recently come to it's attention that although in the SERA Repeater Journal says that the KC8FKP repeater may be listed as unknown, it is still a coordinated system. Therefore, the FCC is re-opening its review of the issues in this matter. (FCC)

**

ENFORCEMENT: IS A GOVERNMENT AGENCY RUNNING A HAM REPEATER?

Is a government agency operating ham radio repeaters in violation of Part 97 rules? Specifically, the FCC wants to know who is really running the KD6LSO and W6SON repeaters in Sonoma County California.

The FCC says that it has received allegations that the county is in charge not the hams whose call signs appear on the machines. Since a county governmental entity cannot be an Amateur licensee, the FCC is collecting information in order to determine if there are breach of its rules. (FCC)

**

BREAK 1

This is ham radio news coming to you from the United States of America. We are the Amateur Radio Newsline, heard on bulletin stations around the world, including Rocky Mountain Radio League repeaters serving Denver and Bloomfield Colorado.

(5 Sec Pause Here)

**

RESTRUCTURING: ARRL STUDY SAYS NOVICE BANDS MAY NOT BE NEEDED

An ARRL study group has recommended doing away with the current novice bands and divvying them up among the remaining licenses classes. Amateur Radio Newsline's Norm Seeley, KI7UP, has the details:

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An ARRL Novice Spectrum Study Committee has recommended that the League petition the FCC to eliminate the CW novice subbands. It also wants a rules change that will allow Novice and Technician licensees with element 1 credit to be permitted to operate Morse code on the General 80, 40, 15 and 10 meter C-W allocations at up to 200 watts power out.

These are just two of the suggestions contained in a report that will be presented to the Leagues Board of Directors when that group convenes in mid January. The study committee will also suggest recognizing portions of the 80, 40, 15 and 10 meter Morse bands for what it calls ''slow CW operation.'' The committee says that this would aid new operators in enhancing their Morse code skills.

Finally, the panel also recommends re-farming -- that’s another way of saying reapportioning -- reapportioning the current Novice and Tech Plus subbands in part. This, to allow expansion of the phone allocations on 80, 40 and 15 meters.

What will the ARRL Board of Directors do? We should know in less then a month.

For the Amateur Radio Newsline, I’m Norm Seeley, KI7UP

--

The committee's determinations were based on opinions expressed by 4744 hams who respond to an ARRL Novice Spectrum Study survey launched last June. Those expressing their opinions included ARRL members and also non-members. What’s really interesting is that nearly 61% of those responding were Extra class licensees. (ARRL bulletin)

**

FCC INSPECTOR GENERAL'S REPORT: THE NAMES THE SAME

The latest report of the FCC's Office of the Inspector General contained very few items of intrigue. But according to the C-G-C Communicator, one of the more colorful incidents involved a person who allegedly used the name of an FCC employee to obtain the government-rate for a hotel room in conjunction with a government-sponsored event.

Well, it turns out that the subject was legitimately attending the event, was entitled to the government room rate and just happened to have the same name as the FCC employee. The bottom line: Case dismissed.

The complete report is on the FCC website at http://www.fcc.gov/oig/Semiannual093001-1101.pdf (CGC Communicator)

**

AMERICA AT WAR: NYC PHONE SERVICE STILL SPOTTY

It's been almost four months since the attack on the World Trade Center, and telephone service near ground zero in lower Manhattan is anything but normal.

According to news reports, repair people have restored service to most customers, but thousands of lines still aren't working. As a result, customers complain that some business lines can call out, but customers can't call in.

The collapse of Seven World Trade Center crushed thousands of underground cables at Verizon's nearby switching station. About 200-thousand telephone lines and three-point-five million data circuits were affected. The company says it'll spend as much as one-point-nine billion dollars to repair the

damage. (Telecommunications Online)

**

INTERNET SECURITY: PROBLEMS WITH XP

If you just bought a new computer equipped with the Microsoft X-P operating system, or have upgraded your old one, listen up. The Federal Bureau of Investigation says that you should take certain steps to protect yourself against hackers who might try to take advantage of major flaws that have been found in X-P.

The bureau's National Infrastructure Protection Center says that in addition to installing a free software fix offered by Microsoft on the company's Web site, consumers and corporations using Windows XP should disable the product's universal plug and play features as well. The FBI also warned computer system administrators to actively monitor for specific types of Internet traffic that might indicate an attack was under way.

The FBI did not provide detailed instructions how to disable plug and play. Outside experts also caution that disabling the affected Windows XP features threatens to render unusable an entire category of high-tech devices about to go on the market. This includes a new class of computer printers that are easier to set up. But the same experts also acknowledge that disabling plug and play in X-P could afford some protection against similar flaws discovered in the future.

Microsoft considers disabling plug and play options as being unnecessary but the company does acknowledge that Windows X-P suffers from serious problems that can let hackers steal or destroy data files across the Internet or implant their own unwanted software. The FBI says that the glitches were unusually serious because they allow hackers to seize control of all Windows X-P operating system software without requiring a computer user to do anything except connect to the Internet. (Published news reports)

**

THE LAW: A FIGHT AGAINST GRAY MARKET ELECTRONICS

A group of American high-tech companies is opening the year 2002 with a campaign to protect consumers from unwittingly buying consumer electronic products intended for foreign markets. Electronics that the manufacturers claim may not work in the United States.

Compaq Computer is one of the companies involved in the campaign. It says that the group will warn consumers about the dangers of buying such products, and how to avoid getting duped. The other companies in the group are Hewlett-Packard, 3 Com, Nortel Networks, and Xerox. The effort may prompt more lawsuits against distributors who resell so called gray market items in the United States. (Computer Products Daily)

**

SPECIAL EVENTS: USS ARIZONA K7A A SUCCESS

Steve Gurley, KJ7WK the coordinator of the USS Arizona Special Events Station K7A tells the Amateur Radio Newsline that the event was an overwhelming success. Gurley says that the memorial station contacted amateurs in all 50 states, and 8 other countries while handling over 2600 QSO's. In fact says KJ7WK, the sponsoring group has already received certificate requests from 609 stations as we go to air. There were ten operators in three counties in the Phoenix Arizona metroplex operational during most of the three days K7A was on the air. (KJ7WK)

**

SCHOLARSHIPS: DARA SCHOLARSHIPS FOR 2002

The Dayton Amateur Radio Association says that the nominating period for its annual scholarship program is now open. The deadline to receive applications is June 1, 2002 and the announcement of winners will occur around June 15, 2002. Applications are available from the DARA Scholarship Committee, 9873 Lower Valley Pike, Medway, Ohio 45341. Please note that this is a new address from years past. Again it is the DARA Scholarship Committee, 9873 Lower Valley Pike, Medway, Ohio 45341. Also, for more information on the Dayton Amateur Radio Association and its programs, please visit www.dara-w8bi.com on the world wide web. (DARA)

**

AWARDS: DARA OPENS NOMINATIONS FOR HAM OF THE YEAR

The Dayton Amateur Radio Association also asks that we remind you that the nominating period for the 2002 Dayton Hamvention Awards is now open. There are three awards presented each year. They are the Radio Amateur of the Year, Special Achievement, and Technical Excellence.

All amateurs Novice through Extra are eligible. Awards are decided by the Awards Committee, based partially upon the information received. Magazine articles, newsletters, newspaper clippings, videos and the like are appreciated but cannot be returned. The deadline for nominations is January 31, 2002. Nominations should be sent to Post Office Box 964, Dayton Ohio 45401. They can also be submitted by completing the e-form on the web at www.hamvention.org. (DARA)

**

BREAK 2

News never takes a holiday and neither do we. Ringing in the New Year from the United States of America, we are the Amateur Radio Newsline, with links to the world from our only official website - www.arnewsline.org.

(5 sec pause here)

**

CHANGING OF THE GUARD: BADGER STATE SMOKE SIGNALS EDITOR JIM ROMALFANGER, K9ZZ - SK

I’m Bill Pasternak, WA6ITF.

The ham who put the state of Wisconsin on the ham radio map has passed away. This, with word that Jim Romelfanger, K9ZZ died Saturday evening December 22nd of an apparent heart attack..

According to Romalfanger's close friend Ken Ebneter, K9EN, Jim has been in declining health for some time. Romalfanger had a stroke a few weeks ago, affecting his right arm which was already weakened by polio. But Ebneter says that K9ZZ seemed to be improving until just recently. Ebneter says that Romalfanger had been in the hospital early last week but was home when he passed away of an apparent heart attack. In fact, K9ZZ had stopped by to visit a ham radio friend that afternoon. Another friend found him dead that evening when he stopped by to visit.

His full name was Arthur James Louis Romelfanger but to the world of ham radio he was Jim, K9ZZ. And Jim Romalfanger made Wisconsin a ham radio household word by editing as three decade state-wide ham radio monthly newspaper called Badger State Smoke Signals -- and doing so as a volunteer.

Notice we said newspaper and not newsletter. This is because Smoke Signals is just that. A newspaper that at its peak ran up to 40 pages filled with articles about ham radio in the Badger State. In addition to being the 32 year editor of Smoke Signals, Romalfanger was nationally published over the years in CQ, QST, 73, Ham Radio, Popular Electronics, and other magazines.

Jim Romalfanger was first licensed January 1958 in Pacific Beach, California, as KN6LWB. Upgraded to General in May of 1958. He returned to Wisconsin that summer and became K9PKQ. In 1977, changed call to K9ZZ and held that call sign the rest of his life. Funeral services were scheduled for Friday, December 27th at St. Joseph Catholic Church in Baraboo Wisconsin.

Jim, from all of your friends at the Amateur Radio Newsline: We are going to miss you. (The Baraboo News Republic, K9EN, WB9QZB, and other friends of K9ZZ contributed to this report.)

**

AMAZING DISCOVERIES: CIRCLES WITHIN A CIRCLE

One of the most curious pure mathematical discoveries for 2001 was announced in the easy-to-read article at an incredibly long website. In brief the article says that research has led to some remarkable geometric findings involving interrelationships between tangent circles and spheres. In other words, mysterious circles within a circle.

As one researcher put it, "Where do these numbers come from? What's going on here?" Find out by going to www.sciencenews.org/20010421/bob18.asp (CGC Communicator)

**

INTERENATIONAL - CANADA: NEW ALBERTA SM

On the international front, word that Thomas Martens, VE6TRM, has been appointed the new Radio Amateurs of Canada Section Manager for the province of Alberta and the North West Territories. Martens replaces Alan Faint VE6QQ will

be stepping down from the position due to personal reasons. Martens will serve the remainder of Faint’s term which runs through June 30th, 2003. (RAC)

**

INTERNATIONAL-AUSTRALIA: CSIRO MICROTURBINES

Australian hospitals, restaurants and schools could soon source clean, reliable energy from mini power generators that operate independent of the main grid. This as CSIRO has installed Australia's first commercial microturbine, at their North Ryde Laboratory, Sydney.

The size of a small refrigerator, the turbine produces 30 kilowatts of power, independent of the electricity grid. And it does this with reduced greenhouse and other gas emissions. Thirty kilowatts is enough to power a medium commercial building such as a restaurant.

Along with fuel cells, gas engines, storage technologies and some renewable technologies, microturbines can be used to generate power close to the end-user and provide major gains in reliability and power quality. Once the design can trickle down to the home user level and price range, it could offer hams a way of always having emergency power always at hand. (Q-News)

**

SHORTWAVE MONITORING : RADIO NORWAY CLOSES

The Board of Directors of the Norwegian Broadcasting Corporation has decided to stop its own programs by Radio Norway International. This is effective as of December 31st of 2001.

According to DF5SX and G3VGW, Radio Norway’s final show was hosted by veteran broadcaster Einar Lie on New Years Eve. Also, the 1200 kilowatt Medium Wave transmitter on 1314 kHz on Kvitsoy was supposed to cease operation by December the 31st as well.

The Norwegian Broadcasting Corporation will have to negotiate with transmitter providers Norkring and Radio Denmark to close down as well. The Norwegian Broadcasting Corporation and Norkring have a contract for running the transmissions that goes through December 31st, 2003. The agency also has a leasing agreement with Radio Denmark for the same period. (Media Network)

**

DX

In D-X, keep an ear open for King George Island in the South Shetland group. HFZ0POL is reported on all H-F bands, including the newer ones, using CW, SSB, RTTY and PSK31. QSL HF0POL via SQ5TA.

And the United Arab Emerates has been heard lately A61AJ. He has been QRV on 40 meters CW around 1400 UTC. Q-S-L A61AJ via N4QB. (Various DX sources)

**

THAT FINAL ITEM: RILEY SAYS THANKS

And finally as the year 2001 comes to an end, the FCC’s Chief Rules enforcer, Riley Hollingsworth has some words of praise for the ham radio community. He passed them along through his bi-weekly Enforcement Log at www.rainreport.com, and thanks to them, we have is words for you:

--
Hollingsworth: “I would like to point out Hap, that this is the end of the third year of Amateur Radio enforcement and I will honestly say that the overall level of compliance in the Amateur Radio Service is outstanding. The Amateur licensees do a great job and they do a great job of showing that the Amateur Radio Service is -- indeed -- the only fail-safe communications system in the world and we are very proud of them.”
--

And if I can take off my reporters hat for a moment and editorialize a bit, I guess I speak for many who truly appreciate what you have done to return the Amateur Radio bands to the law abiding members of the nations ham radio community. (ARNewsline(tm), RAIN)

**

NEWSCAST CLOSE

With thanks to Alan Labs, Amateur News Weekly, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB and Australia's Q-News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline @arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Don Wilbanks, KC5MFA, saying Happy 2002, God Bless America, and we thank you for listening."
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2374. Trance-Formation of America: Epilogue

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-28 19:31:02 UTC
From: endora@trance-formation.org
Message-ID: <MPG.ff37d8e4b534@195.238.3.180>
Source record: 7363
Cross-posted to: rec.games.trading-cards.startrek,rec.radio.amateur.digital.misc,rec.arts.henson+muppets,rec.autos.sport.tech

The safety and serenity of Alaska provided an atmosphere conducive to deprogramming, despite the pandemonium that ensued. Mark Phillips was the first man who not only did not abuse us, but cared for our welfare and well being. His patient, gentle manner was therapeutic, while his propensity for handling weapons and apparent intellect kept us safe against all odds. Through his noble actions, Mark taught Kelly and me that the world of human interaction in which we had existed for so long was contrary to most human behavior. We learned that goodness does exist on this Earth, and that there were those in Washington, D.C. who refused to tolerate the mind-control atrocities they witnessed us and others enduring.

As my eyes opened and I woke up to reality, I became enraged. Enraged for the traumas inflicted on my daughter. Enraged for a lifetime of abuse at the hands of our country's so called "leaders". Enraged that the American public had no idea as to who and what was/is running their country. Mark helped me refocus my rage in a productive direction when he told me, "The best revenge is total recovery."

I began recovering at the rate of 18 hours a day through intensive therapy destined to restore my memory and, ultimately, my mind. I learned the ins and outs of my own mind and recovered my memories in a journal. The stack of journals grew as over a decade of White House/ Pentagon-level abuse flooded my mind and intruded on my thoughts. Pictures from my past flashed across my mind as neuron pathways opened in my brain. I was regaining access to my own mind and control over my future by recovering my memory of my past.

Best of all, I was falling deeply in love with Mark Phillips. Why wouldn't I fall in love? He rescued my daughter and me from certain demise, restored my free will, and was helping me recover in total safety, and was the polar opposite of my abusers. He treated me with love, respect, and thoughtful consideration . Equally as important, Mark proved to be an ideal father figure to Kelly. He provided here with unconditional love and deep understanding. Through him, Kelly caught a glimpse of how kind men could be--and how good life could be. I had long since ceased to know that such a man even existed.

The love factor in my recovery is considerable. Not only did Mark Phillips save my life, but now I had a reason to live it! The love we share kept me going at times--like when Kelly was institutionalized in 1989 for homicidal/suicidal behavior. The loving relationship that Mark shared with Kelly during our short year together as a family was sufficient to arm here with the strength to survive her ensuing ordeal

as a victim of the so-called mental health and criminal justice system.

Kelly, now 15, remains a political prisoner in the custody of the State of Tennessee where she is denied qualified therapy for the MK-Ultra Project Monarch Mind-Control abuses she endured. The state of Tennessee, under the politically powerful influence of Kelly's abusers, is in violation of numerous laws and basic civil rights in their determined efforts to keep Kelly from qualified therapy and the family she loves.

While many of those in positions to make a difference in Kelly's case operate on a "Need to Know" basis rather than deliberately conspire with the bad guys, a closer look into Kelly's case history should raise serious questions in their minds. Questions like; "What could a child have to do with the so called "National Security" of our country?" The Juvenile court judge presiding over Kelly's case closed the doors to the media and onlookers for "reasons of National Security" while gross and blatant violations of laws and rights ensued.

For over three long years, Kelly and I have been denied our right to an unbiased attorney while court-appointed advocates and so-called "guardians" join forces with attorneys paid off by me pedophile father. My own court-appointed attorney, who doubles for the Juvenile Court judge when he takes a day off, has yet to represent my interest. My interest is in Kelly's well being and future-- and if she will have a future at all.

While Kelly is still amnesic with regard to most of her past, she is deliberately denied therapeutical access to her past, due to who and what she will recall. I am denied access to Kelly for fear she would be triggered into remembering by my mere presence. As for my deliberately "triggering" Kelly to remember what she was supposed to forget, as her abusers fear, it has been my experience that recovery must come from the inside out. Not from outside input. I want no less for Kelly that the piece/peace of mind I have gained through qualified rehabilitation. Which raises the questions: Why has the Juvenile court prohibited us from saying the name "George Bush?" Why is the "Wizard of Oz" a taboo subject for Kelly while the State of Tennessee provides her with Stephen King horror novels? Why are Kelly and I forbidden by the court to say the words "President," "politics," New World Order", and "mind-control"?.

In an attempt by state employees to "normalize" our relationship, Kelly and I are forbidden to discuss the past, my immediate efforts to affect her dire and desperate situation, or future plans as a family.

Most appalling and unjust in Kelly's view is the State of Tennessee's refusal to allow her any contact whatsoever with Mark Phillips. While I am hindered from having private conversations with my daughter due to court ordered supervisions and censorship, Kelly is denied the right to even wave to Mark across the parking lot. Considering that, like me,

Mark has never been named as an abuser, declared unfit, or violated any court orders, the questions must be asked: "Why does the State of Tennessee go to such lengths to ban all communication between Kelly and the man who rescued her and taught her the meaning of unconditional love?"

Kelly has asked these questions for years to no avail. The State of Tennessee refuses to even acknowledge her request for"an unbiased attorney who will represent her interests instead of those of the state". Kelly's pleas for an attorney to represent her go no farther than the deaf ears of the assigned state social worker "managing" her case. This social worker is operating on a "Need to Know" basis that has no basis, and she "Needs to Know" that she, along with the State of Tennessee, will be held accountable in the event that Kelly hurts someone or herself.

Kelly's frustrations have mounted beyond her ability to cope. I applaud Kelly for her determined but weakened efforts to stay in control of her own mind despite being denied qualified rehabilitation for the devastating results of Project Monarch Mind-Control abuses. Kelly's daily attempts to accomplish the impossible by psychoLOGICALLY managing her psychiatric disorder is proportionate to her high intellect and willful determination. But it is not enough to fend off the Psychological Warfare that has been waged against her through CIA Damage Containment practices designed to keep her contained in amnesic silence. She needs help. She needs a collective voice.

Kelly can be helped through public outcry and through abolishment of the 1947 National Security Act (and 1984 Reagan Amendment to same) that has destroyed the true security of our once great nation. You can write the State of Tennessee demanding to know why Kelly is being denied her right to qualified rehabilitation.

Thank you. - Cathy O'Brien

Every submitted comment of encouragement will be greatly appreciated!

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http://www.trance-formation.org/
http://www.trance-formation.com/

Trance-Formation of America:

Project Monarch (excerpt #1)
http://www.trance-formation.com/book_excerpts/monarch.htm
http://howardk.moonfall.com/msgid.cgi?ID=100925768100
http://groups.google.com/groups?selm=EC8F5BAE.8523C14B%40trance-formation.com&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3CEC8F5BAE.8523C14B@trance-formation.com%3E

From Dorothy to Tinker-Belle (excerpt #2)
http://www.trance-formation.com/book_excerpts/dorothy.htm

http://howardk.moonfall.com/msgid.cgi?ID=100925953900
http://groups.google.com/groups?selm=11757353565781042415208 78%40news.clara.net&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3C62371BB7.8BC522F0@news.clara.net%3E

The Most Dangerous Game (excerpt #3)
http://www.trance-formation.com/book_excerpts/game.htm
http://howardk.moonfall.com/msgid.cgi?ID=100930112200
http://groups.google.com/groups?selm=MPG.3f72db4fab9e%40166.82.1.9&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3CMPG.3f72db4fab9e@166.82.1.9%3E

You Are What You Read (excerpt #4)
http://www.trance-formation.com/book_excerpts/read.htm
http://howardk.moonfall.com/msgid.cgi?ID=100933907900
http://groups.google.com/groups?selm=1ef3ad%245oz%241%40168.95.195.16&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3C1ef3ad%245oz%241@168.95.195.16%3E

The Most Dangerous Game: Revisited (excerpt #5)
http://www.trance-formation.com/book_excerpts/regame.htm
http://howardk.moonfall.com/msgid.cgi?ID=100949997400
http://groups.google.com/groups?selm=e138c973.25b3142c%40trance-formation.org&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3Ce138c973.25b3142c@trance-formation.org%3E

Clinton Coke Lines (excerpt #6)
http://www.trance-formation.com/book_excerpts/cokelines.htm
http://howardk.moonfall.com/msgid.cgi?ID=100950207100
http://groups.google.com/groups?selm=311e7c95.f10eeeaa%40trance-formation.org&output=gplain
http://howardk.moonfall.com/msgid.cgi?STYPE=msgid&MSGI=%3C311e7c95.f10eeeaa@trance-formation.org%3E
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2375. Re: ARNewsline 1272 - Dec 28 2001

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-28 21:31:44 UTC
From: Bishop Bradley <bb@vatican.org>
Message-ID: <4x5X7.6559$NC1.1309935@news1.elcjn1.sdca.home.com>
Source record: 7362

> The FCC is challenging Mitnick's license renewal request on the ground
that
> his past criminal behavior raises a substantial and material question as
to
> whether Mitnick possesses what the it terms as the requisite character
> qualifications to remain a Commission licensee.

So you do your time, do your parole, and then you kiss everyone's ass
for the rest of your life.

Why not just kill all criminals?

2376. WTB: Gould K450-148 logic analyzer manual

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-29 16:49:06 UTC
From: rehorstmark@netscape.net
Message-ID: <3c2ef2cb.6055607@news.earthlink.net>
Source record: 7364

Original or copy, it doesn't matter.
What's your price?

Thanks.

Mark Rehorst

2377. WTB: pods/probes for Arium ML4100 logic analyzer

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-29 16:53:25 UTC
From: rehorstmark@netscape.net
Message-ID: <3c32f413.6383398@news.earthlink.net>
Source record: 7365
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,sci.electronics.equipment,sci.electronics.misc,sci.electronics.repair

What do you have? How much do you want?

Thanks,

Mark Rehorst

2378. Re: Zakanaka

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-29 23:34:03 UTC
From: "No One"
Message-ID: <Xns9186B2B99BA94hjcarmichaelhotmailc@209.155.56.90>
Source record: 7367

"Simo" <simo@juo.nu> wrote in news:HxwJ7.4915$3h.83398@uutiset.nic.fi:

> Is it possible to define what soundcard i want to use with Zakanaka?
> Like it is in MMTTY (device ID)
>
>
> Tnx
>
>
>
>
>

HamScope does that quite well...

Jim
N3TKD/5

2379. Postage Stamp Packet info wanted

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-29 23:39:58 UTC
From: Alan Corlin <ad747@lafn.org>
Message-ID: <3C2E544D.E3CB1845@lafn.org>
Source record: 7366

A number of years ago there was an article in QST regarding a packet
setup designed using a "postage stamp" type instead of a full computer.
Any information regarding this setup would be appreciated.
alan AA6DW ad747@lafn.org

2380. !!! CB RADIO EQUIP FOR SALE.....

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-30 06:02:35 UTC
From: bbenterprises1@aol.com
Message-ID: <20011230010235.05791.00002544@mb-cu.aol.com>
Source record: 7368

CB RADIO EQUIP FOR SALE.....

We have the following items for sale

JOHNSON VIKING 500 TRANSMITTER, EF JOHNSON COMPANY, WASECA, MN

COLLINS 75-A-2 RECEIVER, AMATUER BANDS, 115VOLTS, 50-60 ~ 85 WATTS,
SERIAL # 824, COLLINS RADIO COMPANY, CEDAR RAPIDS, IA

CDE TRANSMITT/RECEIVER JB 1002, FC-M WAWASE ELECTRIC COMPANY

OTHER RADIO ITEMS

ALL ITEMS IN GOOD CONDITION

INTERESTED PARTIES CONTACT:

B & B ENTERPRISES
708-585-0504
BBEnterprises1@aol.com

PICTURES AVAILABLE BY EMAIL

2381. Mac Ham Software Collection

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-30 09:32:26 UTC
From: John Seney <wd1v@mediaone.net>
Message-ID: <wd1v-9077C9.04343030122001@news.ne.mediaone.net>
Source record: 7369

Macnet is the WWW group of Ham Radio Operators that use Mac computers
to extend their communications capabilities.

To join Macnet, send YOUR STATS to mailto:wd1v@amsat.org

o Amateur Radio CALL SIGN
o FULL NAME
o Street ADDRESS
o CITY, STATE, ZIP
o EMAIL ADDRESS

* Macnet Member Listing -
ftp://ftp.qsl.net/pub/wd1v/Macnet2001.html

* Macnet Software Listing -
http://www.qsl.net/wd1v/Page7.html

* Macnet Software Collection
ftp://ftp.qsl.net/pub/wd1v/1Logs.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/2DX+Contest.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/3RemoteCtrl.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/4FAX+FM.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/5Packet.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/6TCPIP.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/7Morse+TestHelpers.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/8SatsGPS.sea.hqx
ftp://ftp.qsl.net/pub/wd1v/9MacPgming.sea.hqx

* Macnet Software Collection CD
ppd. for $10.00 (costs are for media, postage, & handling)
check or money order to:

John Seney, WD1V
144 Pepperidge Dr.
Manchester, NH 03103 USA

72/73
John Seney, WD1V [FN42]
QRP ARCI 10345 K2 #1388
FIST #5014 CC: 1151
http://www.qsl.net/wd1v

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Aerocycle 2001

2382. Re: Packet to Internet (Telnet) Gateway, Help needed.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-30 15:28:19 UTC
From: Ken Williams <gw3tmh@gb7abc.freeserve.co.uk>
Message-ID: <a0nbqkdrh1@newsg4.svr.pol.co.uk>
Source record: 7370

You can easily do it with Windows.

Get a copy of the AGW packet engine and tcp/ip add on program

You can then allow people to connect to you via packet and use any number of
free windows server programs that are around.

take a look at www.gb7abc.freeserve.co.uk

"Keith" <user@spam.eat> wrote in message
news:u2sredj5m9g23e@corp.supernews.com...
> bminish@oceanfree.net wrote on Wed 26 Dec 2001 05:01:28p
> news:h2sk2u8037qna1jtsnnocua7oai0j8cbs2@4ax.com:
>
> >
> > I am trying to work out how to set up a gateway which will allow local
> > VHF packet users to connect to a telnet acessabe node via an always on
> > internet connection.
> >
> > What I have
> > a PC running win2k with an always on connection
> > A Tiny-2 Mk2 tnc with standard & wa8ded firmware
> > a 2m radio
> >
> > What I would like to be able to allow would be to provide multiple
> > local VHf packet users to connect to a telnet node such as the one at
> > 5b4ndx.cyhams.org
> >
> > I do not want to allow incoming telnet connections (I.e telnet to
> > radio)
> >
> > How do I set this up?
> >
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> You just need a program that will allow you to connect your
> packet box to the internet. As long as you don't run a telnet
> server no one can telnet into your packet station. Linux can
> handle packet > telnet vaery easily, but I don't know if there
> are any programs for Windows.
>
> Here are some links to web pages that discuss packet radio &
> telnet linking:
> http://www.google.com/search?sourceid=navclient&q=packet+radio+telnet

>
> HTH,
>
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGP Personal Privacy 6.5.3
> Comment: mailto:n6jpa@wvi.com?Subject=PGPKEYS
>
> iQA/AwUBPC5tMrwKMbGJKZceEQLB6QCg4tIDeubUML7SjapaGp6wWpyKDakAoNbY
> gJ2/kwO/rWYEg58pIuQTpbof
> =s63Z
> -----END PGP SIGNATURE-----
>
>
> --
> Best Regards,
>
> Keith
> ==
> http://www.wvi.com/~n6jpa/nworradio/ NW Oregon Radio Page.
> Posted with Xnews free news reader program http://xnews.3dnews.net/
> ==

2383. MFJ Muticomm Software

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-30 22:44:28 UTC
From: Michael Harbour <n5vws@bellsouth.net>
Message-ID: <WKMX7.327917$er5.6942774@e3500-atl2.usenetserver.com>
Source record: 7371

Looking for MFJ Multicomm software, i have a copy of it but it is on 5.25 diskette and i need it on 3.5 . If someone can help , please email it to me at n5vws@bellsouth.net

2384. TEST -1

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-30 23:08:27 UTC
From: K9VDD <k9vdd@charter.net>
Message-ID: <u2v7iv7ejt8q23@corp.supernews.com>
Source record: 7372

TEST -1

2385. Re: Packet to Internet (Telnet) Gateway, Help needed.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-31 12:46:15 UTC
From: Brendan Minish <bminish@oceanfree.net>
Message-ID: <6sm03u00vlin1cti1qcr53ngs1p01msutq@4ax.com>
Source record: 7373

On Sun, 30 Dec 2001 15:28:19 -0000, "Ken Williams"
<gw3tmh@gb7abc.freeserve.co.uk> wrote:

>You can easily do it with Windows.
>Get a copy of the AGW packet engine and tcp/ip add on program

Ok , I have been trying out this package and have registered the
tcp/ip part of the package however I cannot work out how to get it to
do a packet to telnet link for me

I am fairly sure that it is able to do this but What I really need is
someone to explain how to set it up, I am quite new at this game.

I have an always on internet connection (A rare thing in Ireland) and
wanted to use it to provide BBS and Cluster access for the AX25 packet
users around here, there is no existing packet infrastructure here.
One of the advantages I can see to the telnet link to a distant node
would be that it might encourage the occasional packet QSO.

One other reply suggested doing it under linux. I am not opposed to
doing it under linux but it does involve building a linux box,
networking it with the win2k machine and learning linux first.
If this is the most practical route I can give it a go but I will
need considerable hand holding..

73's
& happy new year
Brendan EI6IZ
--
Brendan Minish

2386. Pentium Laptop for swap

Newsgroup: rec.radio.amateur.digital.misc
Date: 2001-12-31 22:53:04 UTC
From: JJ <wanthamradio@hotmail.com>
Message-ID: <k%5Y7.19062$S3.3621294@news1.telusplanet.net>
Source record: 7374

I have a pentium 75 laptop with nice bag for swap for ham related items...
OFFERS????